

Ulrike Endesfelder

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.

45
papers

1,557
citations

20
h-index

39
g-index

51
ext. papers

1,911
ext. citations

6.4
avg, IF

4.79
L-index

#	Paper	IF	Citations
45	A simple method to estimate the average localization precision of a single-molecule localization microscopy experiment. <i>Histochemistry and Cell Biology</i> , 2014 , 141, 629-38	2.4	135
44	Multiscale spatial organization of RNA polymerase in Escherichia coli. <i>Biophysical Journal</i> , 2013 , 105, 172-81	2.9	135
43	Coordinate-based colocalization analysis of single-molecule localization microscopy data. <i>Histochemistry and Cell Biology</i> , 2012 , 137, 1-10	2.4	120
42	Quantitative single-molecule microscopy reveals that CENP-A(Cnp1) deposition occurs during G2 in fission yeast. <i>Open Biology</i> , 2012 , 2, 120078	7	114
41	Multicolor photoswitching microscopy for subdiffraction-resolution fluorescence imaging. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 465-9	4.2	104
40	A transient pool of nuclear F-actin at mitotic exit controls chromatin organization. <i>Nature Cell Biology</i> , 2017 , 19, 1389-1399	23.4	103
39	A peptide tag-specific nanobody enables high-quality labeling for dSTORM imaging. <i>Nature Communications</i> , 2018 , 9, 930	17.4	93
38	Chemically induced photoswitching of fluorescent probes--a general concept for super-resolution microscopy. <i>Molecules</i> , 2011 , 16, 3106-18	4.8	83
37	From single molecules to life: microscopy at the nanoscale. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 6885-911	4.4	70
36	Correlative light- and electron microscopy with chemical tags. <i>Journal of Structural Biology</i> , 2014 , 186, 205-13	3.4	67
35	Measuring localization performance of super-resolution algorithms on very active samples. <i>Optics Express</i> , 2011 , 19, 7020-33	3.3	66
34	Art and artifacts in single-molecule localization microscopy: beyond attractive images. <i>Nature Methods</i> , 2014 , 11, 235-8	21.6	54
33	Increasing the brightness of cyanine fluorophores for single-molecule and superresolution imaging. <i>ChemPhysChem</i> , 2014 , 15, 637-41	3.2	53
32	Super-resolution imaging of Escherichia coli nucleoids reveals highly structured and asymmetric segregation during fast growth. <i>Journal of Structural Biology</i> , 2014 , 185, 243-9	3.4	43
31	Direct stochastic optical reconstruction microscopy (dSTORM). <i>Methods in Molecular Biology</i> , 2015 , 1251, 263-76	1.4	41
30	Subdiffraction-resolution fluorescence microscopy of myosin-actin motility. <i>ChemPhysChem</i> , 2010 , 11, 836-40	3.2	38
29	A General Mechanism of Photoconversion of Green-to-Red Fluorescent Proteins Based on Blue and Infrared Light Reduces Phototoxicity in Live-Cell Single-Molecule Imaging. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11634-11639	16.4	26

28	Quantitative morphological analysis of arrestin2 clustering upon G protein-coupled receptor stimulation by super-resolution microscopy. <i>Journal of Structural Biology</i> , 2013 , 184, 329-34	3.4	24
27	Correlative super-resolution imaging of RNA polymerase distribution and dynamics, bacterial membrane and chromosomal structure in Escherichia coli. <i>Methods and Applications in Fluorescence</i> , 2015 , 3, 014005	3.1	23
26	Coordinate-based co-localization-mediated analysis of arrestin clustering upon stimulation of the C-C chemokine receptor 5 with RANTES/CCL5 analogues. <i>Histochemistry and Cell Biology</i> , 2014 , 142, 69-77	4.4	20
25	Spectrally red-shifted fluorescent fiducial markers for optimal drift correction in localization microscopy. <i>Journal Physics D: Applied Physics</i> , 2019 , 52, 204002	3	16
24	A hydrophilic gel matrix for single-molecule super-resolution microscopy. <i>Optical Nanoscopy</i> , 2013 , 2, 4		15
23	Combining Primed Photoconversion and UV-Photoactivation for Aberration-Free, Live-Cell Compliant Multi-Color Single-Molecule Localization Microscopy Imaging. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
22	Virtual-Right-sheet\single-molecule localisation microscopy enables quantitative optical sectioning for super-resolution imaging. <i>PLoS ONE</i> , 2015 , 10, e0125438	3.7	13
21	From single bacterial cell imaging towards single-molecule biochemistry studies. <i>Essays in Biochemistry</i> , 2019 , 63, 187-196	7.6	11
20	Visualizing the inner life of microbes: practices of multi-color single-molecule localization microscopy in microbiology. <i>Biochemical Society Transactions</i> , 2019 , 47, 1041-1065	5.1	11
19	Super-resolution imaging and estimation of protein copy numbers at single synapses with DNA-point accumulation for imaging in nanoscale topography. <i>Neurophotonics</i> , 2019 , 6, 035008	3.9	10
18	A Single-Molecule View of Archaeal Transcription. <i>Journal of Molecular Biology</i> , 2019 , 431, 4116-4131	6.5	7
17	Establishing Live-Cell Single-Molecule Localization Microscopy Imaging and Single-Particle Tracking in the Archaeon. <i>Frontiers in Microbiology</i> , 2020 , 11, 583010	5.7	7
16	Subdiffraction fluorescence imaging of biomolecular structure and distributions with quantum dots. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010 , 1803, 1224-9	4.9	5
15	Advances in Correlative Single-Molecule Localization Microscopy and Electron Microscopy 2015 , 1,		5
14	Postmitotic expansion of cell nuclei requires nuclear actin filament bundling by β -actinin 4. <i>EMBO Reports</i> , 2020 , 21, e50758	6.5	4
13	Dynamic relocalization of cytosolic type III secretion system components prevents premature protein secretion at low external pH. <i>Nature Communications</i> , 2021 , 12, 1625	17.4	4
12	Mutual functional dependence of cyclase-associated protein 1 (CAP1) and cofilin1 in neuronal actin dynamics and growth cone function. <i>Progress in Neurobiology</i> , 2021 , 202, 102050	10.9	4
11	Ein allgemeiner Mechanismus der Photokonvertierung von gr \ddot{u} zu rot fluoreszierenden Proteinen unter blauem und infrarotem Licht reduziert Phototoxizit \ddot{a} t in der Einzelmolek \ddot{u} lmikroskopie von lebenden Zellen. <i>Angewandte Chemie</i> , 2017 , 129, 11792-11798	3.6	3

10	Dynamic relocalization of the cytosolic type III secretion system components prevents premature protein secretion at low external pH		3
9	Hochaufgelöste Zellbiologie. <i>BioSpektrum</i> , 2016 , 22, 217-217	0.1	2
8	Live-cell single-particle tracking photoactivated localization microscopy of Cascade-mediated DNA surveillance. <i>Methods in Enzymology</i> , 2019 , 616, 133-171	1.7	2
7	High-resolution mm interferometry and the search for massive protostellar disks: the case of Cep-A HW2. <i>Astrophysics and Space Science</i> , 2008 , 313, 59-63	1.6	1
6	Why many funding schemes harm rather than support research.. <i>Nature Human Behaviour</i> , 2022 ,	12.8	1
5	Post-mitotic expansion of cell nuclei requires ACTN4-mediated nuclear actin filament bundling		1
4	Establishing live-cell single-molecule localization microscopy imaging and single-particle tracking in the archaeon <i>Haloferax volcanii</i>		1
3	Frequency modulation of a bacterial quorum sensing response.. <i>Nature Communications</i> , 2022 , 13, 2772	17.4	1
2	High-resolution mm interferometry and the search for massive protostellar disks: the case of Cep-A HW2 2008 , 59-63		
1	Trendbericht Biochemie: Hochaufgelöste Zellbiologie. <i>Nachrichten Aus Der Chemie</i> , 2020 , 68, 49-51	0.1	