

Jan Keller-Findeisen

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,746
citations

331259

21
h-index

476904

29
g-index

34
all docs

34
docs citations

34
times ranked

3063
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal precision and accuracy in 4Pi-STORM using dynamic spline PSF models. Nature Methods, 2022, 19, 603-612.	9.0	21
2	Enhanced incorporation of subnanometer tags into cellular proteins for fluorescence nanoscopy via optimized genetic code expansion. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
3	3D particle averaging and detection of macromolecular symmetry in localization microscopy. Nature Communications, 2021, 12, 2847.	5.8	32
4	Inside a Shellâ€™Organometallic Catalysis Inside Encapsulin Nanoreactors. Angewandte Chemie, 2021, 133, 24028-24034.	1.6	3
5	Inside a Shellâ€™Organometallic Catalysis Inside Encapsulin Nanoreactors. Angewandte Chemie - International Edition, 2021, 60, 23835-23841.	7.2	15
6	The TFAM-to-mtDNA ratio defines inner-cellular nucleoid populations with distinct activity levels. Cell Reports, 2021, 37, 110000.	2.9	36
7	Tomographic STED microscopy. Biomedical Optics Express, 2020, 11, 3139.	1.5	14
8	Quantifying Molecule Numbers in STED/RESOLFT Fluorescence Nanoscopy. Topics in Applied Physics, 2020, , 205-226.	0.4	0
9	Rhodamineâ€™Hoechst positional isomers for highly efficient staining of heterochromatin. Chemical Science, 2019, 10, 1962-1970.	3.7	85
10	Mic60 exhibits a coordinated clustered distribution along and across yeast and mammalian mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9853-9858.	3.3	45
11	Molecular contribution function in RESOLFT nanoscopy. Optics Express, 2019, 27, 21956.	1.7	5
12	Three dimensional live-cell STED microscopy at increased depth using a water immersion objective. Review of Scientific Instruments, 2018, 89, 053701.	0.6	37
13	Robust nanoscopy of a synaptic protein in living mice by organic-fluorophore labeling. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8047-E8056.	3.3	85
14	Achromatic light patterning and improved image reconstruction for parallelized RESOLFT nanoscopy. Scientific Reports, 2017, 7, 44619.	1.6	25
15	Gpufit: An open-source toolkit for GPU-accelerated curve fitting. Scientific Reports, 2017, 7, 15722.	1.6	45
16	Comment on â€™Extended-resolution structured illumination imaging of endocytic and cytoskeletal dynamicsâ€™. Science, 2016, 352, 527-527.	6.0	43
17	Polarization modulation adds little additional information to super-resolution fluorescence microscopy. Nature Methods, 2016, 13, 7-8.	9.0	20
18	Cortical actin networks induce spatio-temporal confinement of phospholipids in the plasma membrane â€™ a minimally invasive investigation by STED-FCS. Scientific Reports, 2015, 5, 11454.	1.6	106

#	ARTICLE	IF	CITATIONS
19	Mapping molecules in scanning far-field fluorescence nanoscopy. Nature Communications, 2015, 6, 7977.	5.8	64
20	A lipid bound actin meshwork organizes liquid phase separation in model membranes. ELife, 2014, 3, e01671.	2.8	161
21	Nanoscopy with more than 100,000 'doughnuts'. Nature Methods, 2013, 10, 737-740.	9.0	231
22	Molecular Orientation Affects Localization Accuracy in Superresolution Far-Field Fluorescence Microscopy. Nano Letters, 2011, 11, 209-213.	4.5	149
23	Comparing video-rate STED nanoscopy and confocal microscopy of living neurons. Journal of Biophotonics, 2010, 3, 417-424.	1.1	43
24	High- and Low-Mobility Stages in the Synaptic Vesicle Cycle. Biophysical Journal, 2010, 99, 675-684.	0.2	64
25	Resolution scaling in STED microscopy. Optics Express, 2008, 16, 4154.	1.7	380
26	Three-Dimensional Nanoscopy of Colloidal Crystals. Nano Letters, 2008, 8, 1309-1313.	4.5	177
27	Efficient fluorescence inhibition patterns for RESOLFT microscopy. Optics Express, 2007, 15, 3361.	1.7	116
28	Two-Color Far-Field Fluorescence Nanoscopy. Biophysical Journal, 2007, 92, L67-L69.	0.2	226
29	Macromolecular-scale resolution in biological fluorescence microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11440-11445.	3.3	481
30	Computer simulation of the orientation of lipid headgroups. Chemical Physics Letters, 1997, 275, 63-69.	1.2	13