

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	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
2	Resolution scaling in STED microscopy. Optics Express, 2008, 16, 4154.	1.7	380
3	Nanoscopy with more than 100,000 'doughnuts'. Nature Methods, 2013, 10, 737-740.	9.0	231
4	Two-Color Far-Field Fluorescence Nanoscopy. Biophysical Journal, 2007, 92, L67-L69.	0.2	226
5	Three-Dimensional Nanoscopy of Colloidal Crystals. Nano Letters, 2008, 8, 1309-1313.	4.5	177
6	A lipid bound actin meshwork organizes liquid phase separation in model membranes. ELife, 2014, 3, e01671.	2.8	161
7	Molecular Orientation Affects Localization Accuracy in Superresolution Far-Field Fluorescence Microscopy. Nano Letters, 2011, 11, 209-213.	4.5	149
8	Efficient fluorescence inhibition patterns for RESOLFT microscopy. Optics Express, 2007, 15, 3361.	1.7	116
9	Cortical actin networks induce spatio-temporal confinement of phospholipids in the plasma membrane – a minimally invasive investigation by STED-FCS. Scientific Reports, 2015, 5, 11454.	1.6	106
10	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
11	Rhodamine – Hoechst positional isomers for highly efficient staining of heterochromatin. Chemical Science, 2019, 10, 1962-1970.	3.7	85
12	High- and Low-Mobility Stages in the Synaptic Vesicle Cycle. Biophysical Journal, 2010, 99, 675-684.	0.2	64
13	Mapping molecules in scanning far-field fluorescence nanoscopy. Nature Communications, 2015, 6, 7977.	5.8	64
14	Gpufit: An open-source toolkit for GPU-accelerated curve fitting. Scientific Reports, 2017, 7, 15722.	1.6	45
15	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
16	Comparing video-rate STED nanoscopy and confocal microscopy of living neurons. Journal of Biophotonics, 2010, 3, 417-424.	1.1	43
17	Comment on –Extended-resolution structured illumination imaging of endocytic and cytoskeletal dynamics–. Science, 2016, 352, 527-527.	6.0	43
18	Three dimensional live-cell STED microscopy at increased depth using a water immersion objective. Review of Scientific Instruments, 2018, 89, 053701.	0.6	37

#	ARTICLE	IF	CITATIONS
19	The TFAM-to-mtDNA ratio defines inner-cellular nucleoid populations with distinct activity levels. Cell Reports, 2021, 37, 110000.	2.9	36
20	3D particle averaging and detection of macromolecular symmetry in localization microscopy. Nature Communications, 2021, 12, 2847.	5.8	32
21	Achromatic light patterning and improved image reconstruction for parallelized RESOLFT nanoscopy. Scientific Reports, 2017, 7, 44619.	1.6	25
22	Optimal precision and accuracy in 4Pi-STORM using dynamic spline PSF models. Nature Methods, 2022, 19, 603-612.	9.0	21
23	Polarization modulation adds little additional information to super-resolution fluorescence microscopy. Nature Methods, 2016, 13, 7-8.	9.0	20
24	Inside a Shellâ€™Organometallic Catalysis Inside Encapsulin Nanoreactors. Angewandte Chemie - International Edition, 2021, 60, 23835-23841.	7.2	15
25	Tomographic STED microscopy. Biomedical Optics Express, 2020, 11, 3139.	1.5	14
26	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
27	Computer simulation of the orientation of lipid headgroups. Chemical Physics Letters, 1997, 275, 63-69.	1.2	13
28	Molecular contribution function in RESOLFT nanoscopy. Optics Express, 2019, 27, 21956.	1.7	5
29	Inside a Shellâ€™Organometallic Catalysis Inside Encapsulin Nanoreactors. Angewandte Chemie, 2021, 133, 24028-24034.	1.6	3
30	Quantifying Molecule Numbers in STED/RESOLFT Fluorescence Nanoscopy. Topics in Applied Physics, 2020, , 205-226.	0.4	0