

Christian Eggeling

List of Publications by Year in descending order

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147
papers

17,254
citations

23567

58
h-index

15732

125
g-index

171
all docs

171
docs citations

171
times ranked

15872
citing authors

#	ARTICLE	IF	CITATIONS
1	The mystery of membrane organization: composition, regulation and roles of lipid rafts. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 361-374.	37.0	1,471
2	Direct observation of the nanoscale dynamics of membrane lipids in a living cell. <i>Nature</i> , 2009, 457, 1159-1162.	27.8	1,392
3	Super-resolution microscopy demystified. <i>Nature Cell Biology</i> , 2019, 21, 72-84.	10.3	754
4	Breaking the diffraction barrier in fluorescence microscopy at low light intensities by using reversibly photoswitchable proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17565-17569.	7.1	734
5	STED microscopy reveals crystal colour centres with nanometric resolution. <i>Nature Photonics</i> , 2009, 3, 144-147.	31.4	708
6	Fluorescence nanoscopy by ground-state depletion and single-molecule return. <i>Nature Methods</i> , 2008, 5, 943-945.	19.0	700
7	Photobleaching of Fluorescent Dyes under Conditions Used for Single-Molecule Detection: Evidence of Two-Step Photolysis. <i>Analytical Chemistry</i> , 1998, 70, 2651-2659.	6.5	625
8	Macromolecular-scale resolution in biological fluorescence microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11440-11445.	7.1	481
9	Diffraction-unlimited all-optical imaging and writing with a photochromic GFP. <i>Nature</i> , 2011, 478, 204-208.	27.8	434
10	Anatomy and Dynamics of a Supramolecular Membrane Protein Cluster. <i>Science</i> , 2007, 317, 1072-1076.	12.6	405
11	Sharper low-power STED nanoscopy by time gating. <i>Nature Methods</i> , 2011, 8, 571-573.	19.0	396
12	Partitioning, diffusion, and ligand binding of raft lipid analogs in model and cellular plasma membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1777-1784.	2.6	301
13	The 2015 super-resolution microscopy roadmap. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 443001.	2.8	291
14	Data registration and selective single-molecule analysis using multi-parameter fluorescence detection. <i>Journal of Biotechnology</i> , 2001, 86, 163-180.	3.8	265
15	Scanning STED-FCS reveals spatiotemporal heterogeneity of lipid interaction in the plasma membrane of living cells. <i>Nature Communications</i> , 2014, 5, 5412.	12.8	257
16	Major signal increase in fluorescence microscopy through dark-state relaxation. <i>Nature Methods</i> , 2007, 4, 81-86.	19.0	254
17	Structure and mechanism of the reversible photoswitch of a fluorescent protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13070-13074.	7.1	253
18	Molecular Photobleaching Kinetics of Rhodamine 6G by One- and Two-Photon Induced Confocal Fluorescence Microscopy. <i>ChemPhysChem</i> , 2005, 6, 791-804.	2.1	241

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19	STED Nanoscopy Reveals Molecular Details of Cholesterol- and Cytoskeleton-Modulated Lipid Interactions in Living Cells. <i>Biophysical Journal</i> , 2011, 101, 1651-1660.	0.5	232
20	Nanoscopy with more than 100,000 'doughnuts'. <i>Nature Methods</i> , 2013, 10, 737-740.	19.0	231
21	Red-Emitting Rhodamine Dyes for Fluorescence Microscopy and Nanoscopy. <i>Chemistry - A European Journal</i> , 2010, 16, 158-166.	3.3	216
22	Fluorescence Fluctuation Spectroscopy in Subdiffraction Focal Volumes. <i>Physical Review Letters</i> , 2005, 94, 178104.	7.8	195
23	rsEGFP2 enables fast RESOLFT nanoscopy of living cells. <i>ELife</i> , 2012, 1, e00248.	6.0	188
24	Fast molecular tracking maps nanoscale dynamics of plasma membrane lipids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6829-6834.	7.1	174
25	A lipid bound actin meshwork organizes liquid phase separation in model membranes. <i>ELife</i> , 2014, 3, e01671.	6.0	161
26	Multi-protein assemblies underlie the mesoscale organization of the plasma membrane. <i>Nature Communications</i> , 2014, 5, 4509.	12.8	157
27	Two-color far-field fluorescence nanoscopy based on photoswitchable emitters. <i>Applied Physics B: Lasers and Optics</i> , 2007, 88, 161-165.	2.2	148
28	Cytoskeletal actin dynamics shape a ramifying actin network underpinning immunological synapse formation. <i>Science Advances</i> , 2017, 3, e1603032.	10.3	143
29	There Is No Simple Model of the Plasma Membrane Organization. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 106.	3.7	139
30	Hydrophobic mismatch sorts SNARE proteins into distinct membrane domains. <i>Nature Communications</i> , 2015, 6, 5984.	12.8	130
31	STED microscopy detects and quantifies liquid phase separation in lipid membranes using a new far-red emitting fluorescent phosphoglycerolipid analogue. <i>Faraday Discussions</i> , 2013, 161, 77-89.	3.2	126
32	Lens-based fluorescence nanoscopy. <i>Quarterly Reviews of Biophysics</i> , 2015, 48, 178-243.	5.7	126
33	Laurdan and Di-4-ANEPPDHQ probe different properties of the membrane. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 134004.	2.8	119
34	Nanoscopy of Living Brain Slices with Low Light Levels. <i>Neuron</i> , 2012, 75, 992-1000.	8.1	117
35	Diffusion of lipids and GPI-anchored proteins in actin-free plasma membrane vesicles measured by STED-FCS. <i>Molecular Biology of the Cell</i> , 2017, 28, 1507-1518.	2.1	110
36	Highly sensitive fluorescence detection technology currently available for HTS. <i>Drug Discovery Today</i> , 2003, 8, 632-641.	6.4	108

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37	Cortical actin networks induce spatio-temporal confinement of phospholipids in the plasma membrane – a minimally invasive investigation by STED-FCS. <i>Scientific Reports</i> , 2015, 5, 11454.	3.3	106
38	A simple and versatile design concept for fluorophore derivatives with intramolecular photostabilization. <i>Nature Communications</i> , 2016, 7, 10144.	12.8	106
39	Infection with a Brazilian isolate of Zika virus generates RIG-I stimulatory RNA and the viral NS5 protein blocks type I IFN induction and signaling. <i>European Journal of Immunology</i> , 2018, 48, 1120-1136.	2.9	106
40	Mechanical properties of plasma membrane vesicles correlate with lipid order, viscosity and cell density. <i>Communications Biology</i> , 2019, 2, 337.	4.4	105
41	High-Speed Single-Particle Tracking of GM1 in Model Membranes Reveals Anomalous Diffusion due to Interleaflet Coupling and Molecular Pinning. <i>Nano Letters</i> , 2014, 14, 5390-5397.	9.1	104
42	Wide-field subdiffraction RESOLFT microscopy using fluorescent protein photoswitching. <i>Microscopy Research and Technique</i> , 2007, 70, 269-280.	2.2	103
43	Self-organizing actin patterns shape membrane architecture but not cell mechanics. <i>Nature Communications</i> , 2017, 8, 14347.	12.8	99
44	The 2018 correlative microscopy techniques roadmap. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 443001.	2.8	99
45	Spectral Imaging to Measure Heterogeneity in Membrane Lipid Packing. <i>ChemPhysChem</i> , 2015, 16, 1387-1394.	2.1	98
46	A Versatile Route to Red-Emitting Carbopyronine Dyes for Optical Microscopy and Nanoscopy. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3593-3610.	2.4	96
47	Super-Resolved Traction Force Microscopy (STFM). <i>Nano Letters</i> , 2016, 16, 2633-2638.	9.1	86
48	Fluorescence Nanoscopy with Optical Sectioning by Two-Photon Induced Molecular Switching using Continuous-Wave Lasers. <i>ChemPhysChem</i> , 2008, 9, 321-326.	2.1	81
49	Envelope glycoprotein mobility on HIV-1 particles depends on the virus maturation state. <i>Nature Communications</i> , 2017, 8, 545.	12.8	81
50	Exploring single-molecule dynamics with fluorescence nanoscopy. <i>New Journal of Physics</i> , 2009, 11, 103054.	2.9	79
51	A comparative study on fluorescent cholesterol analogs as versatile cellular reporters. <i>Journal of Lipid Research</i> , 2016, 57, 299-309.	4.2	78
52	Measuring nanoscale diffusion dynamics in cellular membranes with super-resolution STED-FCS. <i>Nature Protocols</i> , 2019, 14, 1054-1083.	12.0	76
53	Resolution of $\lambda/10$ in fluorescence microscopy using fast single molecule photo-switching. <i>Applied Physics A: Materials Science and Processing</i> , 2007, 88, 223-226.	2.3	74
54	Astrocytes Resist HIV-1 Fusion but Engulf Infected Macrophage Material. <i>Cell Reports</i> , 2017, 18, 1473-1483.	6.4	73

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55	STED-FLCS: An Advanced Tool to Reveal Spatiotemporal Heterogeneity of Molecular Membrane Dynamics. <i>Nano Letters</i> , 2015, 15, 5912-5918.	9.1	71
56	Fluorescence correlation spectroscopy with a total internal reflection fluorescence STED microscope (TIRF-STED-FCS). <i>Optics Express</i> , 2012, 20, 5243.	3.4	68
57	A dynamic and adaptive network of cytosolic interactions governs protein export by the T3SS injectisome. <i>Nature Communications</i> , 2017, 8, 15940.	12.8	68
58	Cytoskeletal Control of Antigen-Dependent T Cell Activation. <i>Cell Reports</i> , 2019, 26, 3369-3379.e5.	6.4	68
59	Critical importance of appropriate fixation conditions for faithful imaging of receptor microclusters. <i>Biology Open</i> , 2016, 5, 1343-1350.	1.2	67
60	Super-resolution Microscopy Reveals Compartmentalization of Peroxisomal Membrane Proteins. <i>Journal of Biological Chemistry</i> , 2016, 291, 16948-16962.	3.4	66
61	Polarity-Sensitive Probes for Superresolution Stimulated Emission Depletion Microscopy. <i>Biophysical Journal</i> , 2017, 113, 1321-1330.	0.5	63
62	<scp>STED</scp> microscopy of living cells â€“ new frontiers in membrane and neurobiology. <i>Journal of Neurochemistry</i> , 2013, 126, 203-212.	3.9	62
63	Dissecting the actin cortex density and membrane-cortex distance in living cells by super-resolution microscopy. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 064002.	2.8	62
64	Capturing resting T cells: the perils of PLL. <i>Nature Immunology</i> , 2018, 19, 203-205.	14.5	62
65	Membrane Orientation and Lateral Diffusion of BODIPY-Cholesterol as a Function of Probe Structure. <i>Biophysical Journal</i> , 2013, 105, 2082-2092.	0.5	60
66	HIV-1 Gag specifically restricts PI(4,5)P2 and cholesterol mobility in living cells creating a nanodomain platform for virus assembly. <i>Science Advances</i> , 2019, 5, eaaw8651.	10.3	59
67	Characterization of Horizontal Lipid Bilayers as a Model System to Study Lipid Phase Separation. <i>Biophysical Journal</i> , 2010, 98, 2886-2894.	0.5	57
68	FoCuS-point: software for STED fluorescence correlation and time-gated single photon counting. <i>Bioinformatics</i> , 2016, 32, 958-960.	4.1	57
69	Fluorescence Fluctuation Spectroscopy in Reduced Detection Volumes. <i>Current Pharmaceutical Biotechnology</i> , 2006, 7, 51-66.	1.6	55
70	Dissection of mechanical force in living cells by super-resolved traction force microscopy. <i>Nature Protocols</i> , 2017, 12, 783-796.	12.0	53
71	Electroformation of Giant Unilamellar Vesicles on Stainless Steel Electrodes. <i>ACS Omega</i> , 2017, 2, 994-1002.	3.5	53
72	Spiroanthoxazine switchable dyes for biological imaging. <i>Chemical Science</i> , 2018, 9, 3029-3040.	7.4	53

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73	Triplet-relaxation microscopy with bunched pulsed excitation. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 481.	2.9	52
74	Convergence of lateral dynamic measurements in the plasma membrane of live cells from single particle tracking and STED-FCS. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 063001.	2.8	52
75	FCS in STED Microscopy. <i>Methods in Enzymology</i> , 2013, 519, 1-38.	1.0	50
76	A straightforward approach for gated STED-FCS to investigate lipid membrane dynamics. <i>Methods</i> , 2015, 88, 67-75.	3.8	50
77	Regulation of peroxisomal matrix protein import by ubiquitination. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 838-849.	4.1	46
78	Binding of canonical Wnt ligands to their receptor complexes occurs in ordered plasma membrane environments. <i>FEBS Journal</i> , 2017, 284, 2513-2526.	4.7	45
79	Modulation of the molecular arrangement in artificial and biological membranes by phospholipid-shelled microbubbles. <i>Biomaterials</i> , 2017, 113, 105-117.	11.4	44
80	Nanoscale dynamics of cholesterol in the cell membrane. <i>Journal of Biological Chemistry</i> , 2019, 294, 12599-12609.	3.4	44
81	Influenza A viruses use multivalent sialic acid clusters for cell binding and receptor activation. <i>PLoS Pathogens</i> , 2020, 16, e1008656.	4.7	43
82	Orchestrated control of filaggrin-actin scaffolds underpins cornification. <i>Cell Death and Disease</i> , 2018, 9, 412.	6.3	42
83	Super-resolution optical microscopy of lipid plasma membrane dynamics. <i>Essays in Biochemistry</i> , 2015, 57, 69-80.	4.7	41
84	Photoswitchable Spiropyran Dyads for Biological Imaging. <i>Organic Letters</i> , 2016, 18, 3666-3669.	4.6	40
85	Flotillin-Dependent Membrane Microdomains Are Required for Functional Phagolysosomes against Fungal Infections. <i>Cell Reports</i> , 2020, 32, 108017.	6.4	39
86	Super-resolution fluorescence microscopy studies of human immunodeficiency virus. <i>Retrovirology</i> , 2018, 15, 41.	2.0	37
87	New GM1 Ganglioside Derivatives for Selective Single and Double Labelling of the Natural Glycosphingolipid Skeleton. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5162-5177.	2.4	35
88	Why do peroxisomes associate with the cytoskeleton?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1019-1026.	4.1	35
89	Cytoskeletal actin patterns shape mast cell activation. <i>Communications Biology</i> , 2019, 2, 93.	4.4	35
90	Phase Partitioning of GM1 and Its Bodipy-Labeled Analog Determine Their Different Binding to Cholera Toxin. <i>Frontiers in Physiology</i> , 2017, 8, 252.	2.8	34

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91	Optimized processing and analysis of conventional confocal microscopy generated scanning FCS data. <i>Methods</i> , 2018, 140-141, 62-73.	3.8	33
92	CD45 exclusion and cross-linking-based receptor signaling together broaden FcγRI reactivity. <i>Science Signaling</i> , 2018, 11, .	3.6	31
93	FRET-enhanced photostability allows improved single-molecule tracking of proteins and protein complexes in live mammalian cells. <i>Nature Communications</i> , 2018, 9, 2520.	12.8	31
94	How to minimize dye-induced perturbations while studying biomembrane structure and dynamics: PEG linkers as a rational alternative. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2436-2445.	2.6	31
95	Molecular recognition of the native HIV-1 MPER revealed by STED microscopy of single virions. <i>Nature Communications</i> , 2019, 10, 78.	12.8	31
96	HDL particles incorporate into lipid bilayers a combined AFM and single molecule fluorescence microscopy study. <i>Scientific Reports</i> , 2017, 7, 15886.	3.3	29
97	Use of BODIPY-Cholesterol (TF-Chol) for Visualizing Lysosomal Cholesterol Accumulation. <i>Traffic</i> , 2016, 17, 1054-1057.	2.7	28
98	Nanoscale Spatiotemporal Diffusion Modes Measured by Simultaneous Confocal and Stimulated Emission Depletion Nanoscopy Imaging. <i>Nano Letters</i> , 2018, 18, 4233-4240.	9.1	28
99	Nanoparticles Can Wrap Epithelial Cell Membranes and Relocate Them Across the Epithelial Cell Layer. <i>Nano Letters</i> , 2018, 18, 5294-5305.	9.1	27
100	Statistical Analysis of Scanning Fluorescence Correlation Spectroscopy Data Differentiates Free from Hindered Diffusion. <i>ACS Nano</i> , 2018, 12, 8540-8546.	14.6	27
101	Reversible photoswitching enables single-molecule fluorescence fluctuation spectroscopy at high molecular concentration. <i>Microscopy Research and Technique</i> , 2007, 70, 1003-1009.	2.2	26
102	Challenges of Using Expansion Microscopy for Super-resolved Imaging of Cellular Organelles. <i>ChemBioChem</i> , 2021, 22, 686-693.	2.6	26
103	Adaptive optics allows STED-FCS measurements in the cytoplasm of living cells. <i>Optics Express</i> , 2019, 27, 23378.	3.4	26
104	Reconstitution of immune cell interactions in free-standing membranes. <i>Journal of Cell Science</i> , 2018, 132, .	2.0	25
105	From Dynamics to Membrane Organization: Experimental Breakthroughs Occasion a Modeling Manifesto. <i>Biophysical Journal</i> , 2018, 115, 595-604.	0.5	25
106	Aggregation and mobility of membrane proteins interplay with local lipid order in the plasma membrane of T cells. <i>FEBS Letters</i> , 2021, 595, 2127-2146.	2.8	25
107	Maturation of Monocyte-Derived DCs Leads to Increased Cellular Stiffness, Higher Membrane Fluidity, and Changed Lipid Composition. <i>Frontiers in Immunology</i> , 2020, 11, 590121.	4.8	24
108	Object detection networks and augmented reality for cellular detection in fluorescence microscopy. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	24

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109	Reorganization of Lipid Diffusion by Myelin Basic Protein as Revealed by STED Nanoscopy. <i>Biophysical Journal</i> , 2016, 110, 2441-2450.	0.5	23
110	Spectral imaging toolbox: segmentation, hyperstack reconstruction, and batch processing of spectral images for the determination of cell and model membrane lipid order. <i>BMC Bioinformatics</i> , 2017, 18, 254.	2.6	23
111	Complementary studies of lipid membrane dynamics using iSCAT and super-resolved fluorescence correlation spectroscopy. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 235401.	2.8	23
112	Glycosylation and Lipids Working in Concert Direct CD2 Ectodomain Orientation and Presentation. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1060-1066.	4.6	22
113	z-STED Imaging and Spectroscopy to Investigate Nanoscale Membrane Structure and Dynamics. <i>Biophysical Journal</i> , 2020, 118, 2448-2457.	0.5	22
114	Sterile activation of invariant natural killer T cells by ER-stressed antigen-presenting cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23671-23681.	7.1	21
115	Long-term STED imaging of membrane packing and dynamics by exchangeable polarity-sensitive dyes. <i>Biophysical Reports</i> , 2021, 1, 100023.	1.2	19
116	Pathways to optical STED microscopy. <i>NanoBioImaging</i> , 2014, 1, .	1.0	18
117	Super-resolution RESOLFT microscopy of lipid bilayers using a fluorophore-switch dyad. <i>Chemical Science</i> , 2020, 11, 8955-8960.	7.4	18
118	Monitoring triplet state dynamics with fluorescence correlation spectroscopy: Bias and correction. <i>Microscopy Research and Technique</i> , 2014, 77, 528-536.	2.2	15
119	Biocompatible sulfated valproic acid-coupled polysaccharide-based nanocarriers with HDAC inhibitory activity. <i>Journal of Controlled Release</i> , 2021, 329, 717-730.	9.9	15
120	High photon count rates improve the quality of super-resolution fluorescence fluctuation spectroscopy. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 164003.	2.8	15
121	Comparison of Multiscale Imaging Methods for Brain Research. <i>Cells</i> , 2020, 9, 1377.	4.1	13
122	Lipid Composition but not Curvature Is the Determinant Factor for the Low Molecular Mobility Observed on the Membrane of Virus-Like Vesicles. <i>Viruses</i> , 2018, 10, 415.	3.3	12
123	The cortical actin network regulates avidity-dependent binding of hyaluronan by the lymphatic vessel endothelial receptor LYVE-1. <i>Journal of Biological Chemistry</i> , 2020, 295, 5036-5050.	3.4	12
124	Closing the gap: The approach of optical and computational microscopy to uncover biomembrane organization. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2558-2568.	2.6	11
125	Advances in bioimaging—challenges and potentials. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 040201.	2.8	11
126	CalQuo: automated, simultaneous single-cell and population-level quantification of global intracellular Ca ²⁺ responses. <i>Scientific Reports</i> , 2015, 5, 16487.	3.3	10

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127	Membrane Nanoclustersâ€™Tails of the Unexpected. <i>Cell</i> , 2015, 161, 433-434.	28.9	10
128	More Favorable Palmitic Acid Over Palmitoleic Acid Modification of Wnt3 Ensures Its Localization and Activity in Plasma Membrane Domains. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 281.	3.7	10
129	Affinity for the Interface Underpins Potency of Antibodies Operating In Membrane Environments. <i>Cell Reports</i> , 2020, 32, 108037.	6.4	10
130	Background Reduction in STED-FCS Using a Bivortex Phase Mask. <i>ACS Photonics</i> , 2020, 7, 1742-1753.	6.6	10
131	A Highly Fluorescent Dinuclear Aluminium Complex with Nearâ€Unity Quantum Yield**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	10
132	Addressing Differentiation in Live Human Keratinocytes by Assessment of Membrane Packing Order. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 573230.	3.7	9
133	Peroxisomal Import Reduces the Proapoptotic Activity of Deubiquitinating Enzyme USP2. <i>PLoS ONE</i> , 2015, 10, e0140685.	2.5	9
134	ns-time resolution for multispecies STED-FLIM and artifact free STED-FCS. , 2016, , .		8
135	Fluorescence Microscopy of the HIV-1 Envelope. <i>Viruses</i> , 2020, 12, 348.	3.3	7
136	Influence of nanobody binding on fluorescence emission, mobility, and organization of GFP-tagged proteins. <i>IScience</i> , 2021, 24, 101891.	4.1	7
137	Protein induced lipid demixing in homogeneous membranes. <i>Physical Review Research</i> , 2021, 3, .	3.6	7
138	Creating Supported Plasma Membrane Bilayers Using Acoustic Pressure. <i>Membranes</i> , 2020, 10, 30.	3.0	6
139	Editorial. <i>Methods</i> , 2018, 140-141, 1-2.	3.8	4
140	Diffusion and interaction dynamics of the cytosolic peroxisomal import receptor PEX5. <i>Biophysical Reports</i> , 2022, 2, 100055.	1.2	4
141	gSTED Microscopy with an OPSP: Cutting Edge Superâ€Resolution. <i>Optik & Photonik</i> , 2012, 7, 44-46.	0.2	3
142	Editorial overview: Molecular imaging. <i>Current Opinion in Chemical Biology</i> , 2014, 20, v-vii.	6.1	3
143	Super-Resolution STED Microscopy-Based Mobility Studies of the Viral Env Protein at HIV-1 Assembly Sites of Fully Infected T-Cells. <i>Viruses</i> , 2021, 13, 608.	3.3	3
144	How to control fluorescent labeling of metal oxide nanoparticles for artefact-free live cell microscopy. <i>Nanotoxicology</i> , 2021, 15, 1102-1123.	3.0	2

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145	Zooming in on virus surface protein mobility. <i>Future Virology</i> , 2018, 13, 225-227.	1.8	1
146	Macrophages: micromanagers of antagonistic signaling nanoclusters. <i>Journal of Cell Biology</i> , 2017, 216, 871-873.	5.2	0
147	A Highly Fluorescent Dinuclear Aluminium Complex with Near-Unity Quantum Yield. <i>Angewandte Chemie</i> , 0, , .	2.0	0