

Elias M Puchner

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,257
citations

1039406

9
h-index

1058022

14
g-index

19
all docs

19
docs citations

19
times ranked

2364
citing authors

#	ARTICLE	IF	CITATIONS
1	Remote control of therapeutic T cells through a small molecule-gated chimeric receptor. <i>Science</i> , 2015, 350, aab4077.	6.0	543
2	Super-Resolution Microscopy: From Single Molecules to Supramolecular Assemblies. <i>Trends in Cell Biology</i> , 2015, 25, 730-748.	3.6	223
3	Counting molecules in single organelles with superresolution microscopy allows tracking of the endosome maturation trajectory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16015-16020.	3.3	170
4	Resolving Single-Molecule Assembled Patterns with Superresolution Blink-Microscopy. <i>Nano Letters</i> , 2010, 10, 645-651.	4.5	74
5	Single-Molecule Mechanoenzymatics. <i>Annual Review of Biophysics</i> , 2012, 41, 497-518.	4.5	63
6	EGF and NRG induce phosphorylation of HER3/ERBB3 by EGFR using distinct oligomeric mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2836-E2845.	3.3	63
7	Single-molecule localization microscopy and tracking with red-shifted states of conventional BODIPY conjugates in living cells. <i>Nature Communications</i> , 2019, 10, 3400.	5.8	48
8	Single-Molecule Localization Microscopy with the Fluorescence-Activating and Absorption-Shifting Tag (FAST) System. <i>ACS Chemical Biology</i> , 2019, 14, 1115-1120.	1.6	26
9	Single molecule force spectroscopy reveals the effect of BiP chaperone on protein folding. <i>Protein Science</i> , 2017, 26, 1404-1412.	3.1	17
10	Quantitative live-cell PALM reveals nanoscopic Faa4 redistributions and dynamics on lipid droplets during metabolic transitions of yeast. <i>Molecular Biology of the Cell</i> , 2021, 32, 1565-1578.	0.9	9
11	Precisely calibrated and spatially informed illumination for conventional fluorescence and improved PALM imaging applications. <i>Methods and Applications in Fluorescence</i> , 2020, 8, 025004.	1.1	6
12	Efficient Cross-Correlation Filtering of One- and Two-Color Single Molecule Localization Microscopy Data. <i>Frontiers in Bioinformatics</i> , 2021, 1, .	1.0	4
13	Characterizing locus specific chromatin structure and dynamics with correlative conventional and super-resolution imaging in living cells. <i>Nucleic Acids Research</i> , 2022, 50, e78-e78.	6.5	4
14	Conventional BODIPY Conjugates for Live-Cell Super-Resolution Microscopy and Single-Molecule Tracking. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	1
15	Novel Mechanism of Conventional BODIPY Conjugates for Live-cell SMLM Reveals Lipid Droplet Biology at Super-resolution. <i>Microscopy and Microanalysis</i> , 2020, 26, 1040-1042.	0.2	0