

Sarah R Needham

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3981082/publications.pdf>

Version: 2024-02-01

10
papers

405
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

652
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid immersion microscopy images cells under cryogenic conditions with 12%nm resolution. <i>Communications Biology</i> , 2019, 2, 74.	4.4	49
2	Super-resolution Microscopy at Cryogenic Temperatures Using Solid Immersion Lenses. <i>Bio-protocol</i> , 2019, 9, e3426.	0.4	3
3	The architecture of EGFR's basal complexes reveals autoinhibition mechanisms in dimers and oligomers. <i>Nature Communications</i> , 2018, 9, 4325.	12.8	71
4	EGFR oligomerization organizes kinase-active dimers into competent signalling platforms. <i>Nature Communications</i> , 2016, 7, 13307.	12.8	146
5	Determining the geometry of oligomers of the human epidermal growth factor family on cells with <10 nm resolution. <i>Biochemical Society Transactions</i> , 2015, 43, 309-314.	3.4	5
6	Nanometric molecular separation measurements by single molecule photobleaching. <i>Methods</i> , 2015, 88, 76-80.	3.8	11
7	Determining the geometry of oligomers of the human epidermal growth factor family on cells with 7Ånm resolution. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 118, 139-152.	2.9	7
8	Measuring EGFR Separations on Cells with ~10 nm Resolution via Fluorophore Localization Imaging with Photobleaching. <i>PLoS ONE</i> , 2013, 8, e62331.	2.5	44
9	A Systematic Investigation of Differential Effects of Cell Culture Substrates on the Extent of Artifacts in Single-Molecule Tracking. <i>PLoS ONE</i> , 2012, 7, e45655.	2.5	25
10	Automated multidimensional single molecule fluorescence microscopy feature detection and tracking. <i>European Biophysics Journal</i> , 2011, 40, 1167-1186.	2.2	44