

Valentin Dunsing

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

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1040056

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19
times ranked

383
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal fluorescent protein tags for quantifying protein oligomerization in living cells. <i>Scientific Reports</i> , 2018, 8, 10634.	3.3	80
2	Purely Polysaccharide-Based Biofilm Matrix Provides Size-Selective Diffusion Barriers for Nanoparticles and Bacteriophages. <i>Biomacromolecules</i> , 2019, 20, 3842-3854.	5.4	45
3	Phosphatidylserine Lateral Organization Influences the Interaction of Influenza Virus Matrix Protein 1 with Lipid Membranes. <i>Journal of Virology</i> , 2017, 91, .	3.4	38
4	Direct evidence of amyloid precursorâ€like protein 1 <i>trans</i> interactions in cellâ€cell adhesion platforms investigated via fluorescence fluctuation spectroscopy. <i>Molecular Biology of the Cell</i> , 2017, 28, 3609-3620.	2.1	34
5	Amyloid precursorâ€like protein 1 (APLP1) exhibits stronger zincâ€dependent neuronal adhesion than amyloid precursor protein and <i>scp</i> >APLP</scp>2. <i>Journal of Neurochemistry</i> , 2016, 137, 266-276.	3.9	23
6	A Fluorescence Fluctuation Spectroscopy Assay of Protein-Protein Interactions at Cell-Cell Contacts. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	15
7	Multicolor fluorescence fluctuation spectroscopy in living cells via spectral detection. <i>ELife</i> , 2021, 10, .	6.0	15
8	Mandipropamid as a chemical inducer of proximity for in vivo applications. <i>Nature Chemical Biology</i> , 2022, 18, 64-69.	8.0	15
9	Design Parameters for Granzyme-Mediated Cytotoxic Lymphocyte Target-Cell Killing and Specificity. <i>Biophysical Journal</i> , 2015, 109, 477-488.	0.5	13
10	Influenza A M2 recruits M1 to the plasma membrane: A fluorescence fluctuation microscopy study. <i>Biophysical Journal</i> , 2021, 120, 5478-5490.	0.5	13
11	<i>Pantoea stewartii</i> WceF is a glycan biofilm-modifying enzyme with a bacteriophage tailspike-like fold. <i>Journal of Biological Chemistry</i> , 2021, 296, 100286.	3.4	5
12	Spectral Detection Enables Multi-Color Fluorescence Fluctuation Spectroscopy Studies in Living Cells. <i>Biophysical Journal</i> , 2021, 120, 356a.	0.5	1
13	Direct Evidence of APLP1 Trans Interactions in Cell-Cell Adhesion Platforms Investigated via Fluorescence Fluctuation Spectroscopy. <i>Biophysical Journal</i> , 2018, 114, 373a.	0.5	0
14	Oligomerization and Nuclear Shuttling Dynamics of Viral Proteins Studied by Quantitative Molecular Brightness Analysis using Fluorescence Correlation Spectroscopy. <i>Biophysical Journal</i> , 2018, 114, 350a.	0.5	0