

Alena Khmelinskaia

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

266
citations

9
h-index

16
g-index

20
ext. papers

386
ext. citations

6.7
avg, IF

3.52
L-index

#	Paper	IF	Citations
14	Membrane sculpting by curved DNA origami scaffolds. <i>Nature Communications</i> , 2018 , 9, 811	17.4	105
13	Control of lipid domain organization by a biomimetic contractile actomyosin cortex. <i>ELife</i> , 2017 , 6,	8.9	27
12	Effect of anchor positioning on binding and diffusion of elongated 3D DNA nanostructures on lipid membranes. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 194001	3	24
11	Changes in membrane organization upon spontaneous insertion of 2-hydroxylated unsaturated fatty acids in the lipid bilayer. <i>Langmuir</i> , 2014 , 30, 2117-28	4	23
10	Control of Membrane Binding and Diffusion of Cholesteryl-Modified DNA Origami Nanostructures by DNA Spacers. <i>Langmuir</i> , 2018 , 34, 14921-14931	4	23
9	Single Particle Tracking and Super-Resolution Imaging of Membrane-Assisted Stop-and-Go Diffusion and Lattice Assembly of DNA Origami. <i>ACS Nano</i> , 2019 , 13, 996-1002	16.7	17
8	Plasmonic Nanosensors Reveal a Height Dependence of MinDE Protein Oscillations on Membrane Features. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17901-17906	16.4	15
7	Liquid-Ordered Phase Formation by Mammalian and Yeast Sterols: A Common Feature With Organizational Differences. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 337	5.7	9
6	A diffusiphoretic mechanism for ATP-driven transport without motor proteins. <i>Nature Physics</i> , 2021 , 17, 850-858	16.2	9
5	FCS Analysis of Protein Mobility on Lipid Monolayers. <i>Biophysical Journal</i> , 2018 , 114, 2444-2454	2.9	5
4	Design of Sealable Custom-Shaped Cell Mimicries Based on Self-Assembled Monolayers on CYTOP Polymer. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 21372-21380	9.5	4
3	Structure-based design of novel polyhedral protein nanomaterials. <i>Current Opinion in Microbiology</i> , 2021 , 61, 51-57	7.9	3
2	ATP driven diffusiphoresis: active cargo transport without motor proteins		2
1	Membrane-Mediated Self-Organization of Rod-Like DNA Origami on Supported Lipid Bilayers. <i>Advanced Materials Interfaces</i> , 2101094	4.6	0