

Suparna Sarkar-Banerjee

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

254
citations

1307594

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1372567

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12
all docs

12
docs citations

12
times ranked

413
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal Analysis of K-Ras Plasma Membrane Interactions Reveals Multiple High Order Homo-oligomeric Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 13466-13475.	13.7	73
2	Dynamics of Membrane-Bound G12V-KRAS from Simulations and Single-Molecule FRET in Native Nanodiscs. <i>Biophysical Journal</i> , 2019, 116, 179-183.	0.5	56
3	Membrane curvature sensing of the lipid-anchored K-Ras small GTPase. <i>Life Science Alliance</i> , 2019, 2, e201900343.	2.8	35
4	Multi-target, ensemble-based virtual screening yields novel allosteric KRAS inhibitors at high success rate. <i>Chemical Biology and Drug Design</i> , 2019, 94, 1441-1456.	3.2	33
5	A small molecule chemical chaperone optimizes its unfolded state contraction and denaturant like properties. <i>Scientific Reports</i> , 2013, 3, 3525.	3.3	21
6	The Non-native Helical Intermediate State May Accumulate at Low pH in the Folding and Aggregation Landscape of the Intestinal Fatty Acid Binding Protein. <i>Biochemistry</i> , 2016, 55, 4457-4468.	2.5	12
7	The Role of Intestinal Fatty Acid Binding Proteins in Protecting Cells from Fatty Acid Induced Impairment of Mitochondrial Dynamics and Apoptosis. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 1658-1678.	1.6	8
8	Untying the Gordian KNOT: Unbiased Single Particle Tracking Using Point Clouds and Adaptive Motion Analysis. <i>Journal of Physical Chemistry A</i> , 2021, 125, 8723-8733.	2.5	7
9	Specifically bound lambda repressor dimers promote adjacent non-specific binding. <i>PLoS ONE</i> , 2018, 13, e0194930.	2.5	6
10	Augmentation of Interactions between Dimers Stabilizes Higher Order Oligomers of Membrane-Bound K-Ras: A Single Molecule Perspective. <i>Biophysical Journal</i> , 2017, 112, 504a-505a.	0.5	0
11	Dynamics of Oncogenic KRAS Mutants on Bilayer Surfaces. <i>Biophysical Journal</i> , 2020, 118, 498a.	0.5	0