

Shirsendu Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

619
citations

516215

16
h-index

713013

21
g-index

27
all docs

27
docs citations

27
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	Substrates Modulate Charge-Reorganization Allosteric Effects in Protein-Protein Association. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2805-2808.	2.1	12
2	CCR7 signalosomes are preassembled on tips of lymphocyte microvilli in proximity to LFA-1. <i>Biophysical Journal</i> , 2021, 120, 4002-4012.	0.2	6
3	Long-Range Charge Reorganization as an Allosteric Control Signal in Proteins. <i>Journal of the American Chemical Society</i> , 2020, 142, 20456-20462.	6.6	27
4	ERM-Dependent Assembly of T Cell Receptor Signaling and Co-stimulatory Molecules on Microvilli prior to Activation. <i>Cell Reports</i> , 2020, 30, 3434-3447.e6.	2.9	58
5	Preferential targeting of i-motifs and G-quadruplexes by small molecules. <i>Chemical Science</i> , 2017, 8, 7448-7456.	3.7	65
6	Fluorescence Dynamics in the Endoplasmic Reticulum of a Live Cell: Time-Resolved Confocal Microscopy. <i>ChemPhysChem</i> , 2016, 17, 2818-2823.	1.0	24
7	Single-molecule Spectroscopy: Exploring Heterogeneity in Chemical and Biological Systems. <i>Chemical Record</i> , 2016, 16, 601-613.	2.9	8
8	Small molecule regulated dynamic structural changes of human G-quadruplexes. <i>Chemical Science</i> , 2016, 7, 3279-3285.	3.7	41
9	Fluorescence Probing of Fluctuating Microtubule using a Covalent Fluorescent Probe: Effect of Taxol. <i>ChemistrySelect</i> , 2016, 1, 1841-1847.	0.7	2
10	Fluorescence Dynamics in the Endoplasmic Reticulum of a Live Cell: Time-Resolved Confocal Microscopy. <i>ChemPhysChem</i> , 2016, 17, 2777-2777.	1.0	1
11	Ionic liquid induced dehydration and domain closure in lysozyme: FCS and MD simulation. <i>Journal of Chemical Physics</i> , 2015, 143, 125103.	1.2	38
12	Unfolding and refolding of a protein by cholesterol and cyclodextrin: a single molecule study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8017-8027.	1.3	17
13	Solvation Dynamics and Intermittent Oscillation of Cell Membrane: Live Chinese Hamster Ovary Cell. <i>Journal of Physical Chemistry B</i> , 2014, 118, 2949-2956.	1.2	22
14	Structure and dynamics of lysozyme in DMSO-water binary mixture: fluorescence correlation spectroscopy. <i>RSC Advances</i> , 2014, 4, 14378.	1.7	38
15	Heterogeneity in binary mixtures of dimethyl sulfoxide and glycerol: Fluorescence correlation spectroscopy. <i>Journal of Chemical Physics</i> , 2013, 138, 214507.	1.2	28
16	Dynamics in Cytoplasm, Nucleus, and Lipid Droplet of a Live CHO Cell: Time-Resolved Confocal Microscopy. <i>Langmuir</i> , 2013, 29, 7975-7982.	1.6	44
17	Solvation Dynamics of Biological Water in a Single Live Cell under a Confocal Microscope. <i>Langmuir</i> , 2013, 29, 2289-2298.	1.6	49
18	Effect of NaCl on ESPT-Mediated FRET in a CTAC Micelle: A Femtosecond and FCS Study. <i>ChemPhysChem</i> , 2013, 14, 788-796.	1.0	9

#	ARTICLE	IF	CITATIONS
19	Diffusion of organic dyes in a niosome immobilized on a glass surface using fluorescence correlation spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 9749.	1.3	19
20	Salt Effect on the Ultrafast Proton Transfer in Niosome. <i>Journal of Physical Chemistry B</i> , 2012, 116, 8105-8112.	1.2	44
21	Solvation Dynamics under a Microscope: Single Giant Lipid Vesicle. <i>Langmuir</i> , 2012, 28, 10230-10237.	1.6	35
22	Solvation Dynamics and Rotational Relaxation Study Inside Niosome, A Nonionic Innocuous Poly(ethylene Glycol)-Based Surfactant Assembly: An Excitation Wavelength Dependent Experiment. <i>Journal of Physical Chemistry B</i> , 2011, 115, 12514-12520.	1.2	32