

# Shirsendu Ghosh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2787812/publications.pdf>

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	Preferential targeting of i-motifs and G-quadruplexes by small molecules. <i>Chemical Science</i> , 2017, 8, 7448-7456.	3.7	65
2	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
3	Solvation Dynamics of Biological Water in a Single Live Cell under a Confocal Microscope. <i>Langmuir</i> , 2013, 29, 2289-2298.	1.6	49
4	Salt Effect on the Ultrafast Proton Transfer in Niosome. <i>Journal of Physical Chemistry B</i> , 2012, 116, 8105-8112.	1.2	44
5	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
6	Small molecule regulated dynamic structural changes of human G-quadruplexes. <i>Chemical Science</i> , 2016, 7, 3279-3285.	3.7	41
7	Structure and dynamics of lysozyme in DMSO-water binary mixture: fluorescence correlation spectroscopy. <i>RSC Advances</i> , 2014, 4, 14378.	1.7	38
8	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
9	Solvation Dynamics under a Microscope: Single Giant Lipid Vesicle. <i>Langmuir</i> , 2012, 28, 10230-10237.	1.6	35
10	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
11	Heterogeneity in binary mixtures of dimethyl sulfoxide and glycerol: Fluorescence correlation spectroscopy. <i>Journal of Chemical Physics</i> , 2013, 138, 214507.	1.2	28
12	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
13	Fluorescence Dynamics in the Endoplasmic Reticulum of a Live Cell: Time-Resolved Confocal Microscopy. <i>ChemPhysChem</i> , 2016, 17, 2818-2823.	1.0	24
14	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
15	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
16	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
17	Substrates Modulate Charge-Reorganization Allosteric Effects in Protein-Protein Association. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2805-2808.	2.1	12
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	Single-molecule Spectroscopy: Exploring Heterogeneity in Chemical and Biological Systems. Chemical Record, 2016, 16, 601-613.	2.9	8
20	CCR7 signalosomes are preassembled on tips of lymphocyte microvilli in proximity to LFA-1. Biophysical Journal, 2021, 120, 4002-4012.	0.2	6
21	Fluorescence Probing of Fluctuating Microtubule using a Covalent Fluorescent Probe: Effect of Taxol. ChemistrySelect, 2016, 1, 1841-1847.	0.7	2
22	Fluorescence Dynamics in the Endoplasmic Reticulum of a Live Cell: Time-Resolved Confocal Microscopy. ChemPhysChem, 2016, 17, 2777-2777.	1.0	1