

Supratik Sen Mojumdar

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

541
citations

687220

13
h-index

940416

16
g-index

19
all docs

19
docs citations

19
times ranked

610
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Dimer Interface on the Cooperativity and Misfolding in SOD1 Studied by Single Molecule Force Spectroscopy. <i>Biophysical Journal</i> , 2018, 114, 356a.	0.2	0
2	Partially native intermediates mediate misfolding of SOD1 in single-molecule folding trajectories. <i>Nature Communications</i> , 2017, 8, 1881.	5.8	50
3	Multiple Intermediates in the Folding of Superoxide Dismutase 1 Revealed by Single Molecule Force Spectroscopy. <i>Biophysical Journal</i> , 2016, 110, 497a.	0.2	2
4	FRET between a donor and an acceptor covalently bound to human serum albumin in native and non-native states. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16286.	1.3	34
5	In what time scale proton transfer takes place in a live CHO cell?. <i>Journal of Chemical Physics</i> , 2013, 138, 215102.	1.2	23
6	Effect of ionic liquid on the native and denatured state of a protein covalently attached to a probe: Solvation dynamics study. <i>Journal of Chemical Physics</i> , 2012, 137, 055104.	1.2	33
7	Deoxycholate induced tetramer of β -crystallin and sites of phosphorylation: Fluorescence correlation spectroscopy and femtosecond solvation dynamics. <i>Journal of Chemical Physics</i> , 2012, 136, 155101.	1.2	5
8	Solvation Dynamics under a Microscope: Single Giant Lipid Vesicle. <i>Langmuir</i> , 2012, 28, 10230-10237.	1.6	35
9	Role of Ionic Liquid on the Conformational Dynamics in the Native, Molten Globule, and Unfolded States of Cytochrome C: A Fluorescence Correlation Spectroscopy Study. <i>Journal of Physical Chemistry B</i> , 2012, 116, 12189-12198.	1.2	61
10	Effect of Ionic Liquid on Diffusion in P123 Gel: Fluorescence Correlation Spectroscopy. <i>ChemPhysChem</i> , 2012, 13, 1942-1948.	1.0	8
11	An FCS Study of Unfolding and Refolding of CPM-Labeled Human Serum Albumin: Role of Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2011, 115, 13075-13083.	1.2	74
12	Marcus-like Inversion in Electron Transfer in Neat Ionic Liquid and Ionic Liquid-Mixed Micelles. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4680-4688.	1.2	28
13	Study of β -Cyclodextrin Host-Guest Complex and Nanotube Aggregate by Fluorescence Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10456-10461.	1.2	31
14	Diffusion of Organic Dyes in Immobilized and Free Catanionic Vesicles. <i>Journal of Physical Chemistry B</i> , 2010, 114, 15506-15511.	1.2	46
15	Ultrafast and ultraslow proton transfer of pyranine in an ionic liquid microemulsion. <i>Journal of Chemical Physics</i> , 2010, 132, 194505.	1.2	43
16	Deuterium Isotope Effect on Femtosecond Solvation Dynamics in an Ionic Liquid Microemulsion: An Excitation Wavelength Dependence Study. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4565-4571.	1.2	30
17	A Fluorescence Correlation Spectroscopy Study of the Diffusion of an Organic Dye in the Gel Phase and Fluid Phase of a Single Lipid Vesicle. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5736-5741.	1.2	38