

Somen Nandi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1669654/publications.pdf>

Version: 2024-02-01

24
papers

370
citations

623734

14
h-index

794594

19
g-index

28
all docs

28
docs citations

28
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing micro-environment of lipid droplets in a live breast cell: MCF7 and MCF10A. <i>Chemical Physics Letters</i> , 2017, 670, 27-31.	2.6	40
2	Structure, Activity, and Dynamics of Human Serum Albumin in a Crowded Pluronic F127 Hydrogel. <i>Journal of Physical Chemistry B</i> , 2019, 123, 3397-3408.	2.6	39
3	Interaction of proteins with ionic liquid, alcohol and DMSO and in situ generation of gold nano-clusters in a cell. <i>Biophysical Reviews</i> , 2018, 10, 757-768.	3.2	27
4	Preferential Binding of Thioflavin T to AT-Rich DNA: White Light Emission through Intramolecular Förster Resonance Energy Transfer. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2436-2442.	4.6	27
5	Deciphering the evolution of supramolecular nanofibers in solution and solid-state: a combined microscopic and spectroscopic approach. <i>Chemical Science</i> , 2021, 12, 5874-5882.	7.4	25
6	Fluorescence Dynamics in the Endoplasmic Reticulum of a Live Cell: Time-Resolved Confocal Microscopy. <i>ChemPhysChem</i> , 2016, 17, 2818-2823.	2.1	24
7	Discriminating Single Base Pair Mismatches in DNA Using Glutathione-Templated Copper Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29047-29056.	3.1	22
8	Spectral mapping of 3D multi-cellular tumor spheroids: time-resolved confocal microscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18381-18390.	2.8	20
9	Live Cell Microscopy: A Physical Chemistry Approach. <i>Journal of Physical Chemistry B</i> , 2018, 122, 3023-3036.	2.6	19
10	Structural relaxation of acridine orange dimer in bulk water and inside a single live lung cell. <i>Journal of Chemical Physics</i> , 2016, 144, 065101.	3.0	18
11	Unfolding and refolding of a protein by cholesterol and cyclodextrin: a single molecule study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8017-8027.	2.8	17
12	Amyloid beta peptides inside a reconstituted cell-like liposomal system: aggregation, FRET, fluorescence oscillations and solvation dynamics. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 30444-30451.	2.8	15
13	Time Evolution of Local pH Around a Photo-Acid in Water and a Polymer Hydrogel: Time Resolved Fluorescence Spectroscopy of Pyranine. <i>ChemPhysChem</i> , 2019, 20, 3221-3227.	2.1	14
14	Probing Viscosity of Co-Polymer Hydrogel and HeLa Cell Using Fluorescent Gold Nanoclusters: Fluorescence Correlation Spectroscopy and Anisotropy Decay. <i>ChemPhysChem</i> , 2020, 21, 406-414.	2.1	14
15	Local environment of organic dyes in an ionic liquid-water mixture: FCS and MD simulation. <i>Journal of Chemical Physics</i> , 2018, 149, 054501.	3.0	11
16	Physical chemistry in a single live cell: confocal microscopy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 12620-12627.	2.8	10
17	Specific ion effects on F127 hydrogel: FCS, anisotropy and solvation dynamics. <i>Chemical Physics Letters</i> , 2019, 735, 136754.	2.6	7
18	When Super-Resolution Localization Microscopy Meets Carbon Nanotubes. <i>Nanomaterials</i> , 2022, 12, 1433.	4.1	7

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19	Probing Deviation of Adhered Membrane Dynamics between Reconstituted Liposome and Cellular System. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4616-4624.	3.3	4
20	Ionic Liquid: Complexity in Structure and Dynamics, Interaction with Proteins and In Situ Generation of Metal Nano-clusters for Live Cell Imaging. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2018, 88, 425-430.	1.2	3
21	Probing the conformational dynamics of photosystem I in unconfined and confined spaces. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 449-455.	2.8	2
22	Fluorescence Dynamics in the Endoplasmic Reticulum of a Live Cell: Time-Resolved Confocal Microscopy. <i>ChemPhysChem</i> , 2016, 17, 2777-2777.	2.1	1
23	Self-Assembly of Antimitotic Peptide at Membranes: Computational and Experimental Investigation. <i>ACS Omega</i> , 2019, 4, 745-754.	3.5	1
24	Time-dependent enhancement of fluorescence from <i>Rhodobacter capsulatus</i> SB1003 and its critical dependence on concentration temperature and static magnetic field. <i>Journal of Biological Physics</i> , 2020, 46, 151-167.	1.5	1