

Tanumoy Mondol

List of Publications by Year in descending order

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15
papers

189
citations

1040056

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1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	PCNA accelerates the nucleotide incorporation rate by DNA polymerase β . Nucleic Acids Research, 2019, 47, 1977-1986.	14.5	27
2	Human Copper Chaperone Atox1 Translocates to the Nucleus but does not Bind DNA In Vitro. Protein and Peptide Letters, 2015, 22, 532-538.	0.9	23
3	Ultrafast Dynamics of Solvation and Charge Transfer in a DNA-Based Biomaterial. Chemistry - an Asian Journal, 2014, 9, 1395-1402.	3.3	20
4	Simultaneous binding of anti-tuberculosis and anti-thrombosis drugs to a human transporter protein: A FRET study. Journal of Photochemistry and Photobiology B: Biology, 2011, 103, 153-158.	3.8	18
5	Recognition of different DNA sequences by a DNA-binding protein alters protein dynamics differentially. FEBS Letters, 2012, 586, 258-262.	2.8	16
6	Copper binding triggers compaction in N-terminal tail of human copper pump ATP7B. Biochemical and Biophysical Research Communications, 2016, 470, 663-669.	2.1	16
7	Picosecond-resolved solvent reorganization and energy transfer in biological and model cavities. Biochimie, 2013, 95, 1127-1135.	2.6	15
8	Interaction of an Antituberculosis Drug with a Nanoscopic Macromolecular Assembly: Temperature-Dependent Förster Resonance Energy Transfer Studies on Rifampicin in an Anionic Sodium Dodecyl Sulfate Micelle. Journal of Physical Chemistry B, 2011, 115, 2924-2930.	2.6	14
9	Ultrafast electron transfer in the recognition of different DNA sequences by a DNA-binding protein with different dynamical conformations. Journal of Biomolecular Structure and Dynamics, 2012, 30, 362-370.	3.5	9
10	Ultrafast interfacial solvation dynamics in specific protein DNA recognition. Biochimie, 2013, 95, 2168-2176.	2.6	8
11	Dynamical perspective of protein-DNA interaction. Biomolecular Concepts, 2014, 5, 21-43.	2.2	8
12	Interaction of an Antituberculosis Drug with Nano-sized Cationic Micelle: Förster Resonance Energy Transfer from Dansyl to Rifampicin in the Microenvironment. Photochemistry and Photobiology, 2012, 88, 328-335.	2.5	7
13	Förster resonance energy transfer in a nanoscopic system on a dielectric interface. Nanotechnology, 2012, 23, 495402.	2.6	5
14	Specific DNA sequences allosterically enhance protein-protein interaction in a transcription factor through modulation of protein dynamics: implications for specificity of gene regulation. Physical Chemistry Chemical Physics, 2017, 19, 14781-14792.	2.8	3
15	Binding to Different Homologous DNA Sequences by a Protein alters the Dynamical Properties of the Bound Protein in a DNA Sequence Dependent Manner: Operator DNA Induced Allostery in the Structure and Dynamics of Lambda Repressor. Biophysical Journal, 2013, 104, 418a.	0.5	0