

# Tanumoy Mondol

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4722056/publications.pdf>

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15  
papers

189  
citations

1040056

9  
h-index

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