

Dibyendu Mondal

List of Publications by Year in descending order

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12
papers

187
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Soluble TREM2 inhibits secondary nucleation of A β 2 fibrillization and enhances cellular uptake of fibrillar A β 2. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	14
2	Exploring the Activation Process of the β 2AR-Gs Complex. Journal of the American Chemical Society, 2021, 143, 11044-11051.	13.7	14
3	Histidine protonation states are key in the LigI catalytic reaction mechanism. Proteins: Structure, Function and Bioinformatics, 2021, , .	2.6	2
4	Exploring alternative catalytic mechanisms of the Cas9 HNH domain. Proteins: Structure, Function and Bioinformatics, 2020, 88, 260-264.	2.6	17
5	Exploring the activation pathway and G _i -coupling specificity of the μ 4-opioid receptor. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26218-26225.	7.1	15
6	Exploring the Mechanism of Covalent Inhibition: Simulating the Binding Free Energy of β -Ketoamide Inhibitors of the Main Protease of SARS-CoV-2. Biochemistry, 2020, 59, 4601-4608.	2.5	45
7	Exploring the Proteolysis Mechanism of the Proteasomes. Journal of Physical Chemistry B, 2020, 124, 5626-5635.	2.6	12
8	Combinatorial Approach for Exploring Conformational Space and Activation Barriers in Computer-Aided Enzyme Design. ACS Catalysis, 2020, 10, 6002-6012.	11.2	16
9	Exploring the Effectiveness of Binding Free Energy Calculations. Journal of Physical Chemistry B, 2019, 123, 8910-8915.	2.6	16
10	EF-Tu and EF-G are activated by allosteric effects. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3386-3391.	7.1	18
11	Exploring the Drug Resistance of HCV Protease. Journal of Physical Chemistry B, 2017, 121, 6831-6840.	2.6	8
12	Solvent Thermodynamic Driving Force Controls Stacking Interactions between Polyaromatics. Journal of Physical Chemistry C, 2016, 120, 23858-23869.	3.1	10