

Dibyendu Mondal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4812239/publications.pdf>

Version: 2024-02-01

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