Krishnendu Bera

List of Publications by Year
in descending order

10 papers	242 citations	1307366 7 h-index	1372474 10 g-index
10 all docs	10 docs citations	10 times ranked	283 citing authors

#	Article	IF	Citations
1	A Spectroscopic and Molecular Simulation Approach toward the Binding Affinity between Lysozyme and Phenazinium Dyes: An Effect on Protein Conformation. Journal of Physical Chemistry B, 2017, 121, 1475-1484.	1.2	64
2	A spectroscopic and molecular dynamics simulation approach towards the stabilizing effect of ammonium-based ionic liquids on bovine serum albumin. New Journal of Chemistry, 2017, 41, 10712-10722.	1.4	42
3	Exploring the effect of 5-Fluorouracil on conformation, stability and activity of lysozyme by combined approach of spectroscopic and theoretical studies. Journal of Photochemistry and Photobiology B: Biology, 2018, 179, 23-31.	1.7	34
4	Binding and inhibitory effect of the food colorants Sunset Yellow and Ponceau 4R on amyloid fibrillation of lysozyme. New Journal of Chemistry, 2019, 43, 3956-3968.	1.4	28
5	In silico modelling and molecular dynamics simulation studies of thiazolidine based PTP1B inhibitors. Journal of Biomolecular Structure and Dynamics, 2018, 36, 1195-1211.	2.0	25
6	Structural elucidation of transmembrane domain zero (TMD0) of EcdL: A multidrug resistance-associated protein (MRP) family of ATP-binding cassette transporter protein revealed by atomistic simulation. Journal of Biomolecular Structure and Dynamics, 2018, 36, 2938-2950.	2.0	20
7	Binding and inhibitory effect of ravidasvir on 3CL^{pro} of SARS-CoVâ€2: a molecular docking, molecular dynamics and MM/PBSA approach. Journal of Biomolecular Structure and Dynamics, 2022, 40, 7303-7310.	2.0	15
8	An in silico molecular dynamics simulation study on the inhibitors of SARS-CoV-2 proteases (3CL^{pro} and PL^{pro}) to combat COVID-19. Molecular Simulation, 2021, 47, 1168-1184.	0.9	10
9	Impact of chromate and dichromate on lysozyme stability: A spectroscopic and molecular docking investigation. Luminescence, 2022, 37, 876-882.	1.5	3
10	Polyethylene glycol perturbs the unfolding of CRABP I: A correlation between experimental and theoretical approach. Colloids and Surfaces B: Biointerfaces, 2021, 202, 111696.	2.5	1