Utsab Bhattacharyya

List of Publications by Year
in descending order

8 papers	167 citations	1478505 6 h-index	1720034 7 g-index
9 all docs	9 docs citations	9 times ranked	49 citing authors

#	Article	IF	Citations
1	Structural aspects, conformational preference and other physico-chemical properties of Artesunate and the formation of self-assembly with graphene quantum dots: A first principle analysis and surface enhancement of Raman activity investigation. Journal of Molecular Liquids, 2021, 325, 114810.	4.9	33
2	Structural investigations, quantum mechanical studies on proton and metal affinity and biological activity predictions of selpercatinib. Journal of Molecular Liquids, 2021, 325, 114765.	4.9	18
3	Adsorption of the drug bempedoic acid over different 2D/3D nanosurfaces and enhancement of Raman activity enabling ultrasensitive detection: First principle analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 254, 119630.	3.9	12
4	Quasi liquid Schiff bases from trans-2-hexenal and cytosine and l-leucine with potential antieczematic and antiarthritic activities: Synthesis, structure and quantum mechanical studies. Journal of Molecular Liquids, 2021, 334, 116448.	4.9	37
5	The proton sponge 1,8-bis(dimethylamino)naphthalene: The quicker-picker-upper also for s-block metal cations?. Chemical Physics Letters, 2021, 777, 138735.	2.6	6
6	Energy and reactivity profile and proton affinity analysis of rimegepant with special reference to its potential activity against SARS-CoV-2 virus proteins using molecular dynamics. Journal of Molecular Modeling, 2021, 27, 276.	1.8	12
7	Detailed spectra, electronic properties, qualitative non-covalent interaction analysis, solvatochromism, docking and molecular dynamics simulations in different solvent atmosphere of cenobamate. Structural Chemistry, 2020, 31, 2475-2485.	2.0	45
8	Detailed Structural Examination, Quantum Mechanical Studies of the Aromatic Compound Solarimfetol and Formation of Inclusion Compound with Cucurbituril. Polycyclic Aromatic Compounds, 0, , 1-13.	2.6	4