

Tanmoy Dutta

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

371
citations

933447

10
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of antibacterial and antifungal silver nanoparticles using Citrus limetta peel extract: Experimental and theoretical studies. Journal of Environmental Chemical Engineering, 2020, 8, 104019.	6.7	88
2	Screening of potential drug from Azadirachta Indica (Neem) extracts for SARS-CoV-2: An insight from molecular docking and MD-simulation studies. Journal of Molecular Structure, 2021, 1227, 129390.	3.6	78
3	Chitosan encapsulated water-soluble silver bionanocomposite for size-dependent antibacterial activity. Nano Structures Nano Objects, 2019, 20, 100393.	3.5	44
4	Green synthesis of antimicrobial silver nanoparticles using fruit extract of Glycosmis pentaphylla and its theoretical explanations. Journal of Molecular Structure, 2022, 1247, 131361.	3.6	35
5	Inhibitory efficiency of potential drugs against SARS-CoV-2 by blocking human angiotensin converting enzyme-2: Virtual screening and molecular dynamics study. Microbial Pathogenesis, 2021, 152, 104762.	2.9	23
6	Inhibitory efficacy of RNA virus drugs against SARS-CoV-2 proteins: An extensive study. Journal of Molecular Structure, 2021, 1234, 130152.	3.6	19
7	Biogenic silver nanoparticle synthesis and stabilization for apoptotic activity; insights from experimental and theoretical studies. Chemical Papers, 2020, 74, 4089-4101.	2.2	18
8	Facile Green Synthesis of Silver Bionanocomposite with Size Dependent Antibacterial and Synergistic Effects: A Combined Experimental and Theoretical Studies. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1839-1851.	3.7	16
9	Inhibitory effect of anti-HIV compounds extracted from Indian medicinal plants to retard the replication and transcription process of SARS-CoV-2: an insight from molecular docking and MD-simulation studies. Network Modeling Analysis in Health Informatics and Bioinformatics, 2021, 10, 32.	2.1	16
10	Isolation of antimicrobial Tridecanoic acid from Bacillus sp. LBF-01 and its potentialization through silver nanoparticles synthesis: a combined experimental and theoretical studies. Journal of Nanostructure in Chemistry, 2021, 11, 573-587.	9.1	14
11	Screening of potential anti-HIV compounds from Achyranthes aspera extracts for SARS-CoV-2: An insight from molecular docking study. Journal of Physics: Conference Series, 2021, 1797, 012042.	0.4	6
12	CO2 activation on transition metal decorated graphene quantum dots: An insight from first principles. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 135, 114993.	2.7	5
13	Repurposing of anti-lung cancer drugs as multi-target inhibitors of SARS-CoV-2 proteins: An insight from molecular docking and MD-simulation study. Microbial Pathogenesis, 2022, 169, 105615.	2.9	3
14	Novel Coronavirus Disease (COVID-19): An extensive study on evolution, global health, drug targets and vaccines. International Journal of Clinical Virology, 2021, 5, 054-069.	0.2	2
15	Review on Green Synthesis of ZnO Nano Particles and their Applications. SSRN Electronic Journal, 0, , .	0.4	2
16	Switching Effects in Metalloporphyrin System Due to the Withdrawal of Spin Symmetry. Studies in Autonomic, Data-driven and Industrial Computing, 2022, , 343-351.	0.5	0