

Tanmoy Dutta

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

371
citations

932766

10
h-index

1058022

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. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104019.	3.3	88
2	Screening of potential drug from Azadirachta Indica (Neem) extracts for SARS-CoV-2: An insight from molecular docking and MD-simulation studies. <i>Journal of Molecular Structure</i> , 2021, 1227, 129390.	1.8	78
3	Chitosan encapsulated water-soluble silver bionanocomposite for size-dependent antibacterial activity. <i>Nano Structures Nano Objects</i> , 2019, 20, 100393.	1.9	44
4	Green synthesis of antimicrobial silver nanoparticles using fruit extract of Glycosmis pentaphylla and its theoretical explanations. <i>Journal of Molecular Structure</i> , 2022, 1247, 131361.	1.8	35
5	Inhibitory efficiency of potential drugs against SARS-CoV-2 by blocking human angiotensin converting enzyme-2: Virtual screening and molecular dynamics study. <i>Microbial Pathogenesis</i> , 2021, 152, 104762.	1.3	23
6	Inhibitory efficacy of RNA virus drugs against SARS-CoV-2 proteins: An extensive study. <i>Journal of Molecular Structure</i> , 2021, 1234, 130152.	1.8	19
7	Biogenic silver nanoparticle synthesis and stabilization for apoptotic activity; insights from experimental and theoretical studies. <i>Chemical Papers</i> , 2020, 74, 4089-4101.	1.0	18
8	Facile Green Synthesis of Silver Bionanocomposite with Size Dependent Antibacterial and Synergistic Effects: A Combined Experimental and Theoretical Studies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1839-1851.	1.9	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. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2021, 10, 32.	1.2	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. <i>Journal of Nanostructure in Chemistry</i> , 2021, 11, 573-587.	5.3	14
11	Screening of potential anti-HIV compounds from Achyranthes aspera extracts for SARS-CoV-2: An insight from molecular docking study. <i>Journal of Physics: Conference Series</i> , 2021, 1797, 012042.	0.3	6
12	CO2 activation on transition metal decorated graphene quantum dots: An insight from first principles. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 135, 114993.	1.3	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. <i>Microbial Pathogenesis</i> , 2022, 169, 105615.	1.3	3
14	Novel Coronavirus Disease (COVID-19): An extensive study on evolution, global health, drug targets and vaccines. <i>International Journal of Clinical Virology</i> , 2021, 5, 054-069.	0.1	2
15	Review on Green Synthesis of ZnO Nano Particles and their Applications. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
16	Switching Effects in Metalloporphyrin System Due to the Withdrawal of Spin Symmetry. <i>Studies in Autonomic, Data-driven and Industrial Computing</i> , 2022, , 343-351.	0.4	0