

Topu Raihan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

435
citations

1039880

9
h-index

794469

19
g-index

21
all docs

21
docs citations

21
times ranked

464
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial peptides: Promising alternatives over conventional capture ligands for biosensor-based detection of pathogenic bacteria. <i>Biotechnology Advances</i> , 2022, 55, 107901.	6.0	20
2	Amplicon sequencing reveals significantly increased <i>Vibrio</i> abundance and associated gene functions in vibriosis-infected black tiger shrimp (<i>Penaeus monodon</i>). <i>Journal of Fish Diseases</i> , 2021, 44, 591-599.	0.9	6
3	Photocatalytic, anti-bacterial performance and development of 2,4-diaminophenylhydrazine chemical sensor probe based on ternary doped Ag ₃ SrSnO ₃ nanorods. <i>New Journal of Chemistry</i> , 2021, 45, 1634-1650.	1.4	5
4	Photocatalytic performance, anti-bacterial activities and 3-chlorophenol sensor fabrication using MnAl ₂ O ₄ -ZnAl ₂ O ₄ nanomaterials. <i>Nanoscale Advances</i> , 2021, 3, 5872-5889.	2.2	8
5	Human Aquaporins: Functional Diversity and Potential Roles in Infectious and Non-infectious Diseases. <i>Frontiers in Genetics</i> , 2021, 12, 654865.	1.1	55
6	Extracellular metabolites of endophytic fungi from <i>Azadirachta indica</i> inhibit multidrug-resistant bacteria and phytopathogens. <i>Future Microbiology</i> , 2021, 16, 557-576.	1.0	6
7	First record of <i>Colletotrichum fragariae</i> causing leaf spot on <i>Hopea odorata</i> in Bangladesh. <i>New Disease Reports</i> , 2021, 44, e12021.	0.4	2
8	Main protease inhibitors and drug surface hotspots for the treatment of COVID-19: A drug repurposing and molecular docking approach. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111742.	2.5	15
9	Major Insights in Dynamics of Host Response to SARS-CoV-2: Impacts and Challenges. <i>Frontiers in Microbiology</i> , 2021, 12, 637554.	1.5	8
10	Microbial Metabolites: The Emerging Hotspot of Antiviral Compounds as Potential Candidates to Avert Viral Pandemic Alike COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 732256.	1.6	15
11	Genome-wide Characterization Deciphers Distinct Properties of Aquaporins in Six Phytophthora Species. <i>Current Bioinformatics</i> , 2021, 16, 880-898.	0.7	2
12	NIR red luminescent doped Ag _{0.95} Eu _{0.05} 2O ₃ nanocomposite for 3-Chlorophenol sensor probe and anti-MDR bacterial application. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106881.	3.3	2
13	Photocatalysis, photoinduced enhanced anti-bacterial functions and development of a selective <i>m</i> -tolyl hydrazine sensor based on mixed Ag ₂ NiMn ₂ O ₄ nanomaterials. <i>RSC Advances</i> , 2020, 10, 30603-30619.	1.7	8
14	Plants Metabolites: Possibility of Natural Therapeutics Against the COVID-19 Pandemic. <i>Frontiers in Medicine</i> , 2020, 7, 444.	1.2	119
15	Antibacterial activity of graphene oxide nanosheet against multidrug resistant superbugs isolated from infected patients. <i>Royal Society Open Science</i> , 2020, 7, 200640.	1.1	69
16	Photocatalysis, enhanced anti-bacterial performance and discerning thiourea sensing of Ag ₂ SnO ₂ -TiO ₂ hetero-structure. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104051.	3.3	26
17	Enhanced visible light-mediated photocatalysis, antibacterial functions and fabrication of a 3-chlorophenol sensor based on ternary Ag ₂ O-SrO-CaO. <i>RSC Advances</i> , 2020, 10, 11274-11291.	1.7	39
18	First report of <i>Colletotrichum viniferum</i> causing leaf spot of <i>Hopea odorata</i> in Bangladesh. <i>New Disease Reports</i> , 2020, 42, 19-19.	0.4	3

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19	Identification of <i>AcrAB-TolC</i> Efflux Pump Genes and Detection of Mutation in Efflux Repressor <i>AcrR</i> from Omeprazole Responsive Multidrug-Resistant <i>Escherichia coli</i> Isolates Causing Urinary Tract Infections. <i>Microbiology Insights</i> , 2019, 12, 117863611988962.	0.9	24