Topu Raihan

List of Publications by Year
in descending order

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	Plants Metabolites: Possibility of Natural Therapeutics Against the COVID-19 Pandemic. Frontiers in Medicine, 2020, 7, 444.	1.2	119
2	Antibacterial activity of graphene oxide nanosheet against multidrug resistant superbugs isolated from infected patients. Royal Society Open Science, 2020, 7, 200640.	1.1	69
3	Human Aquaporins: Functional Diversity and Potential Roles in Infectious and Non-infectious Diseases. Frontiers in Genetics, 2021, 12, 654865.	1.1	55
4	Enhanced visible light-mediated photocatalysis, antibacterial functions and fabrication of a 3-chlorophenol sensor based on ternary Ag₂OÂ·SrOÂ·CaO. RSC Advances, 2020, 10, 11274-11291.	1.7	39
5	Photocatalysis, enhanced anti-bacterial performance and discerning thiourea sensing of Ag2OÂ·SnO2Â·TiO2 hetero-structure. Journal of Environmental Chemical Engineering, 2020, 8, 104051.	3.3	26
6	Identification of AcrAB-TolC Efflux Pump Genes and Detection of Mutation in Efflux Repressor AcrR from Omeprazole Responsive Multidrug-Resistant Escherichia coli Isolates Causing Urinary Tract Infections. Microbiology Insights, 2019, 12, 117863611988962.	0.9	24
7	Antimicrobial peptides: Promising alternatives over conventional capture ligands for biosensor-based detection of pathogenic bacteria. Biotechnology Advances, 2022, 55, 107901.	6.0	20
8	Main protease inhibitors and drug surface hotspots for the treatment of COVID-19: A drug repurposing and molecular docking approach. Biomedicine and Pharmacotherapy, 2021, 140, 111742.	2.5	15
9	Microbial Metabolites: The Emerging Hotspot of Antiviral Compounds as Potential Candidates to Avert Viral Pandemic Alike COVID-19. Frontiers in Molecular Biosciences, 2021, 8, 732256.	1.6	15
10	Photocatalysis, photoinduced enhanced anti-bacterial functions and development of a selective m-tolyl hydrazine sensor based on mixed AgÂ·NiMn₂O₄ nanomaterials. RSC Advances, 2020, 10, 30603-30619.	1.7	8
11	Photocatalytic performance, anti-bacterial activities and 3-chlorophenol sensor fabrication using MnAl₂O₄Â·ZnAl₂O₄ nanomaterials. Nanoscale Advances, 2021, 3, 5872-5889.	2.2	8
12	Major Insights in Dynamics of Host Response to SARS-CoV-2: Impacts and Challenges. Frontiers in Microbiology, 2021, 12, 637554.	1.5	8
13	Amplicon sequencing reveals significantly increased Vibrio abundance and associated gene functions in vibriosisâ€infected black tiger shrimp (Penaeus monodon). Journal of Fish Diseases, 2021, 44, 591-599.	0.9	6
14	Extracellular metabolites of endophytic fungi fromAzadirachta indicainhibit multidrug-resistant bacteria and phytopathogens. Future Microbiology, 2021, 16, 557-576.	1.0	6
15	Photocatalytic, anti-bacterial performance and development of 2,4-diaminophenylhydrazine chemical sensor probe based on ternary doped AgÂ·SrSnO₃ nanorods. New Journal of Chemistry, 2021, 45, 1634-1650.	1.4	5
16	First report of Colletotrichum viniferum causing leaf spot of Hopea odorata in Bangladesh. New Disease Reports, 2020, 42, 19-19.	0.4	3
17	First record of Colletotrichum fragariae causing leaf spot on Hopea odorata in Bangladesh. New Disease Reports, 2021, 44, e12021.	0.4	2
18	Genome-wide Characterization Deciphers Distinct Properties of Aquaporins in Six Phytophthora Species. Current Bioinformatics, 2021, 16, 880-898.	0.7	2

#	Article	IF	Citations
19	NIR red luminescent doped AgÂ·(Y0.95Eu0.05)2O3 nanocomposite for 3-Chlorophenol sensor probe and anti-MDR bacterial application. Journal of Environmental Chemical Engineering, 2021, 9, 106881.	3.3	2