Mohammad Jakir Hosen

List of Publications by Year
in descending order

47 papers	**1,127** citations	516561 **16** h-index	454834 **30** g-index
52 all docs	**52** docs citations	**52** times ranked	**1480** citing authors

#	Article	IF	Citations
1	COVID-19 and Bangladesh: Challenges and How to Address Them. Frontiers in Public Health, 2020, 8, 154.	1.3	299
2	Silent hypoxia in COVID-19: pathomechanism and possible management strategy. Molecular Biology Reports, 2021, 48, 3863-3869.	1.0	97
3	Prediction of potential inhibitors for RNA-dependent RNA polymerase of SARS-CoV-2 using comprehensive drug repurposing and molecular docking approach. International Journal of Biological Macromolecules, 2020, 163, 1787-1797.	3.6	57
4	Histopathology of Pseudoxanthoma Elasticum and Related Disorders: Histological Hallmarks and Diagnostic Clues. Scientifica, 2012, 2012, 1-15.	0.6	48
5	Perturbation of specific pro-mineralizing signalling pathways in human and murine pseudoxanthoma elasticum. Orphanet Journal of Rare Diseases, 2014, 9, 66.	1.2	35
6	COVID-19-Associated Candidiasis: Possible Patho-Mechanism, Predisposing Factors, and Prevention Strategies. Current Microbiology, 2022, 79, 127.	1.0	32
7	Pathogenic variants in the *ABCC6* gene are associated with an increased risk for ischemic stroke. Brain Pathology, 2018, 28, 822-831.	2.1	28
8	Genetic and reproductive consequences of consanguineous marriage in Bangladesh. PLoS ONE, 2020, 15, e0241610.	1.1	28
9	Arsenic hampered embryonic development: An in vivo study using local Bangladeshi Danio rerio model. Toxicology Reports, 2020, 7, 155-161.	1.6	26
10	Efficiency of Exome Sequencing for the Molecular Diagnosis of Pseudoxanthoma Elasticum. Journal of Investigative Dermatology, 2015, 135, 992-998.	0.3	25
11	SARS-CoV-2: a new dimension to our understanding of coronaviruses. International Microbiology, 2021, 24, 19-24.	1.1	25
12	Molecular Docking Simulations Provide Insights in the Substrate Binding Sites and Possible Substrates of the ABCC6 Transporter. PLoS ONE, 2014, 9, e102779.	1.1	25
13	Functional food: complementary to fight against COVID-19. Beni-Suef University Journal of Basic and Applied Sciences, 2022, 11, 33.	0.8	24
14	Women's Knowledge, Attitude, and Perceptions Toward COVID-19 in Lower-Middle-Income Countries: A Representative Cross-Sectional Study in Bangladesh. Frontiers in Public Health, 2020, 8, 571689.	1.3	21
15	Corticosteroids for COVID-19: worth it or not?. Molecular Biology Reports, 2022, 49, 567-576.	1.0	21
16	Retinitis Pigmentosa, Cutis Laxa, and Pseudoxanthoma Elasticumâ€"Like Skin Manifestations Associated with GGCX Mutations. Journal of Investigative Dermatology, 2014, 134, 2331-2338.	0.3	20
17	Exposure to air pollution and COVIDâ€19 severity: A review of current insights, management, and challenges. Integrated Environmental Assessment and Management, 2021, 17, 1114-1122.	1.6	20
18	Chikungunya outbreak in Bangladesh (2017): Clinical and hematological findings. PLoS Neglected Tropical Diseases, 2020, 14, e0007466.	1.3	19

#	ARTICLE	IF	CITATIONS
19	Assessment of the role of zinc in the prevention of COVID‐19 infections and mortality: A retrospective study in the Asian and European population. Journal of Medical Virology, 2021, 93, 4326-4333.	2.5	17
20	Prospective selected biomarkers in COVID-19 diagnosis and treatment. Biomarkers in Medicine, 2021, 15, 1435-1449.	0.6	17
21	COVID-19-associated-mucormycosis: possible role of free iron uptake and immunosuppression. Molecular Biology Reports, 2021, , 1.	1.0	17
22	Second family with the boston‐type craniosynostosis syndrome: Novel mutation and expansion of the clinical spectrum. American Journal of Medical Genetics, Part A, 2013, 161, 2352-2357.	0.7	16
23	Tridax procumbens flavonoids promote osteoblast differentiation and bone formation. Biological Research, 2015, 48, 65.	1.5	16
24	Genetic analysis of SARS-CoV-2 isolates collected from Bangladesh: Insights into the origin, mutational spectrum and possible pathomechanism. Computational Biology and Chemistry, 2021, 90, 107413.	1.1	16
25	Immunoinformatic Design of a Multivalent Peptide Vaccine Against Mucormycosis: Targeting FTR1 Protein of Major Causative Fungi. Frontiers in Immunology, 2022, 13, .	2.2	16
26	SARS‐CoV‐2 and dengue virus co‐infection: Epidemiology, pathogenesis, diagnosis, treatment, and management. Reviews in Medical Virology, 2023, 33, e2340.	3.9	15
27	Prediction of Epitope-Based Peptide Vaccine Against the Chikungunya Virus by Immuno-informatics Approach. Current Pharmaceutical Biotechnology, 2020, 21, 325-340.	0.9	14
28	Zebrafish models for ectopic mineralization disorders: practical issues from morpholino design to post-injection observations. Frontiers in Genetics, 2013, 4, 74.	1.1	13
29	Evaluation of antioxidant, anti-hemolytic, cytotoxic effects and anti-bacterial activity of selected mangrove plants (Bruguiera gymnorrhiza and Heritiera littoralis) in Bangladesh. Clinical Phytoscience, 2020, 6, .	0.8	13
30	The sex and gender dimensions of COVID-19: A narrative review of the potential underlying factors. Infection, Genetics and Evolution, 2022, 103, 105338.	1.0	12
31	The ABCC6 transporter: what lessons can be learnt from other ATP-binding cassette transporters?. Frontiers in Genetics, 2013, 4, 203.	1.1	11
32	The ABCC6 Transporter as a Paradigm for Networking from an Orphan Disease to Complex Disorders. BioMed Research International, 2015, 2015, 1-18.	0.9	9
33	Tridax procumbens flavonoids: a prospective bioactive compound increased osteoblast differentiation and trabecular bone formation. Biological Research, 2017, 50, 28.	1.5	9
34	Delineating blueprint of an epitope-based peptide vaccine against the multiple serovars of dengue virus: A hierarchical reverse vaccinology approach. Informatics in Medicine Unlocked, 2020, 20, 100430.	1.9	8
35	<scp><i>VEGFA</i></scp> variants as prognostic markers for the retinopathy in pseudoxanthoma elasticum. Clinical Genetics, 2020, 98, 74-79.	1.0	8
36	Blueprint of epitope-based multivalent and multipathogenic vaccines: targeted against the dengue and zika viruses. Journal of Biomolecular Structure and Dynamics, 2021, 39, 6882-6902.	2.0	7

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37	Health impacts of excessive use of Facebook among university students in Bangladesh. Heliyon, 2021, 7, e07271.	1.4	7
38	Insights from a computational analysis of the SARSâ€CoVâ€2 Omicron variant: Hostâ€"pathogen interaction, pathogenicity, and possible drug therapeutics. Immunity, Inflammation and Disease, 2022, 10, .	1.3	7
39	Management of asthma patients during the COVID-19 pandemic: pathophysiological considerations to address the challenges. Beni-Suef University Journal of Basic and Applied Sciences, 2022, 11, 20.	0.8	5
40	Genetic counseling in the context of Bangladesh: current scenario, challenges, and a framework for genetic service implementation. Orphanet Journal of Rare Diseases, 2021, 16, 168.	1.2	4
41	Lead and leadâ€"arsenic combined exposure induces mortality and developmental impairments in zebrafish embryos: a study using wild-caught zebrafish from Bangladesh. Drug and Chemical Toxicology, 2022, 45, 2833-2842.	1.2	4
42	In vitro screening for inhibitor of cloned Drosophila melanogaster tyramine-Î²-hydroxylase and docking studies. International Journal of Biological Macromolecules, 2016, 93, 889-895.	3.6	3
43	Umbilical Cord Blood Screening for the Detection of Common Deletional Mutations of Î±-Thalassemia in Bangladesh. Hemoglobin, 2020, 44, 201-210.	0.4	3
44	Homology Modeling and Virtual Screening of Proteins Related to PXE and PXE-like Diseases: Insights for Overlapping Metabolites. Current Pharmaceutical Biotechnology, 2020, 21, 1470-1478.	0.9	2
45	The First Wave of COVID-19 Pandemic: Experiences from Bangladesh. SSRN Electronic Journal, 0, , .	0.4	2
46	Comprehensive in silico Study of GLUT10: Prediction of Possible Substrate Binding Sites and Interacting Molecules. Current Pharmaceutical Biotechnology, 2020, 21, 117-130.	0.9	2
47	Comprehensive Phylogenetic Analysis of Root-knot Nematodes Predicts Emerging Virulent Species. Computational Biology and Bioinformatics, 2020, 8, 1.	0.3	0