

# Mohammad Jakir Hosen

## List of Publications by Year in descending order

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Version: 2024-02-01

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	SARS-CoV-2 and dengue virus co-infection: Epidemiology, pathogenesis, diagnosis, treatment, and management. <i>Reviews in Medical Virology</i> , 2023, 33, e2340.	3.9	15
2	Corticosteroids for COVID-19: worth it or not?. <i>Molecular Biology Reports</i> , 2022, 49, 567-576.	1.0	21
3	Lead and lead-arsenic combined exposure induces mortality and developmental impairments in zebrafish embryos: a study using wild-caught zebrafish from Bangladesh. <i>Drug and Chemical Toxicology</i> , 2022, 45, 2833-2842.	1.2	4
4	Management of asthma patients during the COVID-19 pandemic: pathophysiological considerations to address the challenges. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2022, 11, 20.	0.8	5
5	Functional food: complementary to fight against COVID-19. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2022, 11, 33.	0.8	24
6	COVID-19-Associated Candidiasis: Possible Patho-Mechanism, Predisposing Factors, and Prevention Strategies. <i>Current Microbiology</i> , 2022, 79, 127.	1.0	32
7	Immunoinformatic Design of a Multivalent Peptide Vaccine Against Mucormycosis: Targeting FTR1 Protein of Major Causative Fungi. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	16
8	Insights from a computational analysis of the SARS-CoV-2 Omicron variant: Host-pathogen interaction, pathogenicity, and possible drug therapeutics. <i>Immunity, Inflammation and Disease</i> , 2022, 10, .	1.3	7
9	The sex and gender dimensions of COVID-19: A narrative review of the potential underlying factors. <i>Infection, Genetics and Evolution</i> , 2022, 103, 105338.	1.0	12
10	Blueprint of epitope-based multivalent and multipathogenic vaccines: targeted against the dengue and zika viruses. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6882-6902.	2.0	7
11	SARS-CoV-2: a new dimension to our understanding of coronaviruses. <i>International Microbiology</i> , 2021, 24, 19-24.	1.1	25
12	Genetic analysis of SARS-CoV-2 isolates collected from Bangladesh: Insights into the origin, mutational spectrum and possible pathomechanism. <i>Computational Biology and Chemistry</i> , 2021, 90, 107413.	1.1	16
13	Assessment of the role of zinc in the prevention of COVID-19 infections and mortality: A retrospective study in the Asian and European population. <i>Journal of Medical Virology</i> , 2021, 93, 4326-4333.	2.5	17
14	Exposure to air pollution and COVID-19 severity: A review of current insights, management, and challenges. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 1114-1122.	1.6	20
15	Genetic counseling in the context of Bangladesh: current scenario, challenges, and a framework for genetic service implementation. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 168.	1.2	4
16	Silent hypoxia in COVID-19: pathomechanism and possible management strategy. <i>Molecular Biology Reports</i> , 2021, 48, 3863-3869.	1.0	97
17	Health impacts of excessive use of Facebook among university students in Bangladesh. <i>Heliyon</i> , 2021, 7, e07271.	1.4	7
18	Prospective selected biomarkers in COVID-19 diagnosis and treatment. <i>Biomarkers in Medicine</i> , 2021, 15, 1435-1449.	0.6	17

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19	COVID-19-associated-mucormycosis: possible role of free iron uptake and immunosuppression. <i>Molecular Biology Reports</i> , 2021, , 1.	1.0	17
20	Delineating blueprint of an epitope-based peptide vaccine against the multiple serovars of dengue virus: A hierarchical reverse vaccinology approach. <i>Informatics in Medicine Unlocked</i> , 2020, 20, 100430.	1.9	8
21	Prediction of potential inhibitors for RNA-dependent RNA polymerase of SARS-CoV-2 using comprehensive drug repurposing and molecular docking approach. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1787-1797.	3.6	57
22	Women's Knowledge, Attitude, and Perceptions Toward COVID-19 in Lower-Middle-Income Countries: A Representative Cross-Sectional Study in Bangladesh. <i>Frontiers in Public Health</i> , 2020, 8, 571689.	1.3	21
23	COVID-19 and Bangladesh: Challenges and How to Address Them. <i>Frontiers in Public Health</i> , 2020, 8, 154.	1.3	299
24	Umbilical Cord Blood Screening for the Detection of Common Deletional Mutations of $\hat{\alpha}$ -Thalassemia in Bangladesh. <i>Hemoglobin</i> , 2020, 44, 201-210.	0.4	3
25	Chikungunya outbreak in Bangladesh (2017): Clinical and hematological findings. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007466.	1.3	19
26	Evaluation of antioxidant, anti-hemolytic, cytotoxic effects and anti-bacterial activity of selected mangrove plants ( <i>Bruguiera gymnorrhiza</i> and <i>Heritiera littoralis</i> ) in Bangladesh. <i>Clinical Phytoscience</i> , 2020, 6, .	0.8	13
27	<sc><i>VEGFA</i></sc> variants as prognostic markers for the retinopathy in pseudoxanthoma elasticum. <i>Clinical Genetics</i> , 2020, 98, 74-79.	1.0	8
28	Arsenic hampered embryonic development: An in vivo study using local Bangladeshi <i>Danio rerio</i> model. <i>Toxicology Reports</i> , 2020, 7, 155-161.	1.6	26
29	Genetic and reproductive consequences of consanguineous marriage in Bangladesh. <i>PLoS ONE</i> , 2020, 15, e0241610.	1.1	28
30	Prediction of Epitope-Based Peptide Vaccine Against the Chikungunya Virus by Immuno-informatics Approach. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 325-340.	0.9	14
31	Homology Modeling and Virtual Screening of Proteins Related to PXE and PXE-like Diseases: Insights for Overlapping Metabolites. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 1470-1478.	0.9	2
32	Comprehensive Phylogenetic Analysis of Root-knot Nematodes Predicts Emerging Virulent Species. <i>Computational Biology and Bioinformatics</i> , 2020, 8, 1.	0.3	0
33	Comprehensive in silico Study of GLUT10: Prediction of Possible Substrate Binding Sites and Interacting Molecules. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 117-130.	0.9	2
34	Pathogenic variants in the <i>ABCC6</i> gene are associated with an increased risk for ischemic stroke. <i>Brain Pathology</i> , 2018, 28, 822-831.	2.1	28
35	<i>Tridax procumbens</i> flavonoids: a prospective bioactive compound increased osteoblast differentiation and trabecular bone formation. <i>Biological Research</i> , 2017, 50, 28.	1.5	9
36	In vitro screening for inhibitor of cloned <i>Drosophila melanogaster</i> tyramine- $\hat{2}$ -hydroxylase and docking studies. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 889-895.	3.6	3

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37	Tridax procumbens flavonoids promote osteoblast differentiation and bone formation. <i>Biological Research</i> , 2015, 48, 65.	1.5	16
38	The ABCC6 Transporter as a Paradigm for Networking from an Orphan Disease to Complex Disorders. <i>BioMed Research International</i> , 2015, 2015, 1-18.	0.9	9
39	Efficiency of Exome Sequencing for the Molecular Diagnosis of Pseudoxanthoma Elasticum. <i>Journal of Investigative Dermatology</i> , 2015, 135, 992-998.	0.3	25
40	Retinitis Pigmentosa, Cutis Laxa, and Pseudoxanthoma Elasticum—Like Skin Manifestations Associated with GGCX Mutations. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2331-2338.	0.3	20
41	Perturbation of specific pro-mineralizing signalling pathways in human and murine pseudoxanthoma elasticum. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 66.	1.2	35
42	Molecular Docking Simulations Provide Insights in the Substrate Binding Sites and Possible Substrates of the ABCC6 Transporter. <i>PLoS ONE</i> , 2014, 9, e102779.	1.1	25
43	Second family with the Boston-type craniosynostosis syndrome: Novel mutation and expansion of the clinical spectrum. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 2352-2357.	0.7	16
44	Zebrafish models for ectopic mineralization disorders: practical issues from morpholino design to post-injection observations. <i>Frontiers in Genetics</i> , 2013, 4, 74.	1.1	13
45	The ABCC6 transporter: what lessons can be learnt from other ATP-binding cassette transporters?. <i>Frontiers in Genetics</i> , 2013, 4, 203.	1.1	11
46	Histopathology of Pseudoxanthoma Elasticum and Related Disorders: Histological Hallmarks and Diagnostic Clues. <i>Scientifica</i> , 2012, 2012, 1-15.	0.6	48
47	The First Wave of COVID-19 Pandemic: Experiences from Bangladesh. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2