

Mohammed Z Rahman

List of Publications by Year in descending order

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68
papers

1,220
citations

430442

18
h-index

476904

29
g-index

71
all docs

71
docs citations

71
times ranked

1749
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of C-Reactive Protein With Bacterial and Respiratory Syncytial Virus-Associated Pneumonia Among Children Aged ≤ 5 Years in the PERCH Study. <i>Clinical Infectious Diseases</i> , 2017, 64, S378-S386.	2.9	84
2	COVID-19 reinfections among naturally infected and vaccinated individuals. <i>Scientific Reports</i> , 2022, 12, 1438.	1.6	79
3	Global burden of acute lower respiratory infection associated with human metapneumovirus in children under 5 years in 2018: a systematic review and modelling study. <i>The Lancet Global Health</i> , 2021, 9, e33-e43.	2.9	71
4	Biofilm Acts as a Microenvironment for Plankton-Associated <i>Vibrio cholerae</i> in the Aquatic Environment of Bangladesh. <i>Microbiology and Immunology</i> , 2007, 51, 369-379.	0.7	68
5	Avian influenza surveillance in domestic waterfowl and environment of live bird markets in Bangladesh, 2007-2012. <i>Scientific Reports</i> , 2018, 8, 9396.	1.6	54
6	Efficacy of a Russian-backbone live attenuated influenza vaccine among young children in Bangladesh: a randomised, double-blind, placebo-controlled trial. <i>The Lancet Global Health</i> , 2016, 4, e946-e954.	2.9	46
7	Detection of enteric and non-enteric adenoviruses in gastroenteritis patients, Bangladesh, 2012-2015. <i>Journal of Medical Virology</i> , 2018, 90, 677-684.	2.5	43
8	Nipah Virus Contamination of Hospital Surfaces during Outbreaks, Bangladesh, 2013-2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 15-21.	2.0	39
9	Isolation and Full-Genome Characterization of Nipah Viruses from Bats, Bangladesh. <i>Emerging Infectious Diseases</i> , 2019, 25, 166-170.	2.0	32
10	Epidemiology and genetic characterization of Peste des petits ruminants virus in Bangladesh. <i>Veterinary Medicine and Science</i> , 2018, 4, 161-171.	0.6	24
11	Epidemiology and genetic diversity of human astrovirus infection among hospitalized patients with acute diarrhea in Bangladesh from 2010 to 2012. <i>Journal of Clinical Virology</i> , 2013, 58, 612-618.	1.6	23
12	Genetic characterization of a rare bovine-like human VP4 mono-reassortant G6P[8] rotavirus strain detected from an infant in Bangladesh. <i>Infection, Genetics and Evolution</i> , 2013, 19, 120-126.	1.0	23
13	The emergence of SARS-CoV-2 variants in Dhaka city, Bangladesh. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3000-3001.	1.3	22
14	Safety of Russian-backbone seasonal trivalent, live-attenuated influenza vaccine in a phase II randomized placebo-controlled clinical trial among children in urban Bangladesh. <i>Vaccine</i> , 2015, 33, 3415-3421.	1.7	21
15	Effectiveness of a Behavior Change Intervention with Hand Sanitizer Use and Respiratory Hygiene in Reducing Laboratory-Confirmed Influenza among Schoolchildren in Bangladesh: A Cluster Randomized Controlled Trial. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 1446-1455.	0.6	21
16	SARS-CoV-2 and influenza virus coinfection among patients with severe acute respiratory infection during the first wave of COVID-19 pandemic in Bangladesh: a hospital-based descriptive study. <i>BMJ Open</i> , 2021, 11, e053768.	0.8	21
17	Maternal vitamin D supplementation during pregnancy and lactation to prevent acute respiratory infections in infancy in Dhaka, Bangladesh (MDARI trial): protocol for a prospective cohort study nested within a randomized controlled trial. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 309.	0.9	20
18	The Epidemiology of Melioidosis and Its Association with Diabetes Mellitus: A Systematic Review and Meta-Analysis. <i>Pathogens</i> , 2022, 11, 149.	1.2	20

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19	Middle East Respiratory Syndrome Coronavirus Antibodies in Dromedary Camels, Bangladesh, 2015. <i>Emerging Infectious Diseases</i> , 2018, 24, 926-928.	2.0	19
20	The Pattern of Highly Pathogenic Avian Influenza H5N1 Outbreaks in South Asia. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 138.	0.9	19
21	Challenges to Evaluating Respiratory Syncytial Virus Mortality in Bangladesh, 2004–2008. <i>PLoS ONE</i> , 2013, 8, e53857.	1.1	19
22	Immunogenicity and Viral Shedding of Russian-Backbone, Seasonal, Trivalent, Live, Attenuated Influenza Vaccine in a Phase II, Randomized, Placebo-Controlled Trial Among Preschool-Aged Children in Urban Bangladesh. <i>Clinical Infectious Diseases</i> , 2019, 69, 777-785.	2.9	18
23	The epidemiology and estimated etiology of pathogens detected from the upper respiratory tract of adults with severe acute respiratory infections in multiple countries, 2014–2015. <i>PLoS ONE</i> , 2020, 15, e0240309.	1.1	18
24	Association of Biosecurity and Hygiene Practices with Environmental Contamination with Influenza A Viruses in Live Bird Markets, Bangladesh. <i>Emerging Infectious Diseases</i> , 2020, 26, 2087-2096.	2.0	18
25	Inference of Nipah virus evolution, 1999–2015. <i>Virus Evolution</i> , 2021, 7, veaa062.	2.2	18
26	Genome Sequence of a SARS-CoV-2 Strain from Bangladesh That Is Nearly Identical to United Kingdom SARS-CoV-2 Variant B.1.1.7. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	18
27	Variation of Toxigenic <i>Vibrio cholerae</i> O1 in the Aquatic Environment of Bangladesh and Its Correlation with the Clinical Strains. <i>Microbiology and Immunology</i> , 2004, 48, 773-777.	0.7	17
28	Novel intergenotype human norovirus recombinant GII.16/GII.3 in Bangladesh. <i>Infection, Genetics and Evolution</i> , 2013, 20, 325-329.	1.0	17
29	Epidemiologic and Genotypic Distribution of Noroviruses Among Children With Acute Diarrhea and Healthy Controls in a Low-income Rural Setting. <i>Clinical Infectious Diseases</i> , 2019, 69, 505-513.	2.9	17
30	Molecular characterization of group A rotavirus from rhesus macaques (<i>Macaca mulatta</i>) at human–wildlife interfaces in Bangladesh. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 956-966.	1.3	17
31	High incidence of reassortant G9P[4] rotavirus strain in Bangladesh: Fully heterotypic from vaccine strains. <i>Journal of Clinical Virology</i> , 2013, 58, 755-756.	1.6	16
32	Genetic diversity of Nipah virus in Bangladesh. <i>International Journal of Infectious Diseases</i> , 2021, 102, 144-151.	1.5	15
33	Antigenic heterogeneity of capsid protein VP1 in foot-and-mouth disease virus (FMDV) serotype Asia1. <i>Advances and Applications in Bioinformatics and Chemistry</i> , 2013, 6, 37.	1.6	14
34	Efficacy of trivalent influenza vaccine against laboratory-confirmed influenza among young children in a randomized trial in Bangladesh. <i>Vaccine</i> , 2017, 35, 6967-6976.	1.7	14
35	Detection of highly pathogenic avian influenza A(H5N6) viruses in waterfowl in Bangladesh. <i>Virology</i> , 2019, 534, 36-44.	1.1	13
36	Major zoonotic diseases of public health importance in Bangladesh. <i>Veterinary Medicine and Science</i> , 2021, 7, 1199-1210.	0.6	13

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37	Genomics, social media and mobile phone data enable mapping of SARS-CoV-2 lineages to inform health policy in Bangladesh. <i>Nature Microbiology</i> , 2021, 6, 1271-1278.	5.9	13
38	Serological Cross-Reaction Between O-Antigens of <i>Shigella dysenteriae</i> Type 4 and an Environmental <i>Escherichia albertii</i> Isolate. <i>Current Microbiology</i> , 2013, 67, 590-595.	1.0	12
39	Evaluation of recombinase-based isothermal amplification assays for point-of-need detection of SARS-CoV-2 in resource-limited settings. <i>International Journal of Infectious Diseases</i> , 2022, 114, 105-111.	1.5	12
40	Recovery and Characterization of Environmental Variants of <i>Shigella flexneri</i> from Surface Water in Bangladesh. <i>Current Microbiology</i> , 2011, 63, 372-6.	1.0	11
41	Serological Evidence of <i>Coxiella burnetii</i> Infection in Cattle and Goats in Bangladesh. <i>EcoHealth</i> , 2015, 12, 354-358.	0.9	11
42	Serological Cross-Reactivity of Environmental Isolates of <i>Enterobacter</i> , <i>Escherichia</i> , <i>Stenotrophomonas</i> , and <i>Aerococcus</i> with <i>Shigella</i> spp.-Specific Antisera. <i>Current Microbiology</i> , 2007, 54, 63-67.	1.0	10
43	An outbreak of classical swine fever in pigs in Bangladesh, 2015. <i>Veterinary Medicine and Science</i> , 2018, 4, 45-52.	0.6	10
44	Identification of Novel Mutations in the N Gene of SARS-CoV-2 That Adversely Affect the Detection of the Virus by Reverse Transcription-Quantitative PCR. <i>Microbiology Spectrum</i> , 2021, 9, e0054521.	1.2	10
45	Organization of the CTX Prophage in Environmental Isolates of <i>Vibrio mimicus</i> . <i>Microbiology and Immunology</i> , 2005, 49, 779-784.	0.7	9
46	Epidemiology and Molecular Characterization of Rotavirus A in Fruit Bats in Bangladesh. <i>EcoHealth</i> , 2020, 17, 398-405.	0.9	9
47	A Case Series Describing the Recurrence of COVID-19 in Patients Who Recovered from Initial Illness in Bangladesh. <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 41.	0.9	9
48	Epidemiology of the Rhinovirus (RV) in African and Southeast Asian Children: A Case-Control Pneumonia Etiology Study. <i>Viruses</i> , 2021, 13, 1249.	1.5	9
49	Evidence of interspecies <i>O</i> antigen gene cluster transfer between <i>Shigella boydii</i> 15 and <i>Escherichia fergusonii</i> . <i>Apmis</i> , 2012, 120, 959-966.	0.9	8
50	The Etiology of Childhood Pneumonia in Bangladesh. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, S79-S90.	1.1	8
51	Wastewater surveillance of SARS-CoV-2 in Bangladesh: Opportunities and challenges. <i>Current Opinion in Environmental Science and Health</i> , 2022, 27, 100334.	2.1	8
52	Genetic characterization of human metapneumovirus identified through community and facility-based surveillance of infants in Dhaka, Bangladesh. <i>Journal of Medical Virology</i> , 2019, 91, 549-554.	2.5	7
53	Clinical evaluation of SARS-CoV-2 antigen-based rapid diagnostic test kit for detection of COVID-19 cases in Bangladesh. <i>Heliyon</i> , 2021, 7, e08455.	1.4	7
54	Prevalence of a Novel Division-Level Bacterial Lineage in Lake Dhanmondi, Dhaka, Bangladesh, as Revealed by Deep Sequencing of 16S rRNA Gene Amplicons. <i>Current Microbiology</i> , 2012, 65, 356-360.	1.0	5

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55	Outbreak of diarrhoea in piglets caused by novel rotavirus genotype G4P[49] in northwestern district of Bangladesh, February 2014. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 442-449.	1.3	5
56	Upper Respiratory Tract Co-detection of Human Endemic Coronaviruses and High-density Pneumococcus Associated With Increased Severity Among HIV-Uninfected Children Under 5 Years Old in the PERCH Study. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, 503-512.	1.1	5
57	Genome Sequences of SARS-CoV-2 Sublineage B.1.617.2 Strains from 12 Children in Chattogram, Bangladesh. <i>Microbiology Resource Announcements</i> , 2021, 10, e0091221.	0.3	5
58	Factors influencing the performance of rapid SARS-CoV-2 antigen tests under field condition. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, e24203.	0.9	5
59	Effects of Maternal Vitamin D Supplementation During Pregnancy and Lactation on Infant Acute Respiratory Infections: Follow-up of a Randomized Trial in Bangladesh. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, 901-909.	0.6	4
60	Nipah Virus Detection at Bat Roosts after Spillover Events, Bangladesh, 2012–2019. <i>Emerging Infectious Diseases</i> , 2022, 28, 1384-1392.	2.0	3
61	An Environmental <i>Escherichia albertii</i> Strain, DM104, Induces Protective Immunity to <i>Shigella dysenteriae</i> in Guinea Pig Eye Model. <i>Current Microbiology</i> , 2014, 68, 642-647.	1.0	2
62	Protection against shigellosis caused by <i>Shigella dysenteriae</i> serotype 4 in guinea pigs using <i>Escherichia albertii</i> DM104 as a live vaccine candidate strain. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2017, 64, 151-164.	0.4	2
63	Viral etiology of acute gastroenteritis among Forcibly Displaced Myanmar Nationals and adjacent host population in Bangladesh. <i>Journal of Infectious Diseases</i> , 2021, , .	1.9	2
64	A Case Report: Genetically Distinct Severe Acute Respiratory Syndrome Coronavirus-2 Variant Causing Reinfection. <i>Frontiers in Microbiology</i> , 2021, 12, 792514.	1.5	2
65	Detection and Molecular Characterization of Canine Alphacoronavirus in Free-Roaming Dogs, Bangladesh. <i>Viruses</i> , 2022, 14, 67.	1.5	1
66	Coding-Complete Sequence of a SARS-CoV-2 B.1.1.25 Lineage Obtained from an 8-Day-Old Deceased Neonate. <i>Microbiology Resource Announcements</i> , 2021, 10, e0075621.	0.3	0
67	Effect of maternal vitamin D supplementation on nasal pneumococcal acquisition, carriage dynamics and carriage density in infants in Dhaka, Bangladesh. <i>BMC Infectious Diseases</i> , 2022, 22, 52.	1.3	0
68	Epidemiology of Group A rotavirus in rodents and shrews in Bangladesh. <i>Veterinary Research Communications</i> , 2022, , 1.	0.6	0