

# Azizur Rahman

## List of Publications by Year in descending order

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Version: 2024-02-01

107  
papers

1,747  
citations

361296

20  
h-index

360920

35  
g-index

111  
all docs

111  
docs citations

111  
times ranked

2073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the intent behind sharing misinformation on social media. Journal of Experimental and Theoretical Artificial Intelligence, 2023, 35, 573-587.	1.8	2
2	Quantile regression approach to estimating prevalence and determinants of child malnutrition. Zeitschrift Fur Gesundheitswissenschaften, 2022, 30, 323-339.	0.8	11
3	Curcuma longa extract ameliorates motor and cognitive deficits of 6-hydroxydopamine-infused Parkinson's disease model rats. Advances in Traditional Medicine, 2022, 22, 773-787.	1.0	3
4	Modelling and analysis of human's mosquito malaria transmission dynamics in Bangladesh. Mathematics and Computers in Simulation, 2022, 193, 123-138.	2.4	10
5	Critical Behavior of the (111)-Oriented LaCoO <sub>3</sub> /SrTiO <sub>3</sub> Thin Film. Physica Status Solidi (B): Basic Research, 2022, 259, 2100424.	0.7	4
6	Prevalence and determinants of wife-beating in Bangladesh: evidence from a nationwide survey. BMC Psychiatry, 2022, 22, 9.	1.1	10
7	Child marriage and its association with morbidity and mortality of under-5 years old children in Bangladesh. PLoS ONE, 2022, 17, e0262927.	1.1	12
8	Likelihood of infectious diseases due to lack of exclusive breastfeeding among infants in Bangladesh. PLoS ONE, 2022, 17, e0263890.	1.1	16
9	Prevalence and determinants of fever, ARI and diarrhea among children aged 6-59 months in Bangladesh. BMC Pediatrics, 2022, 22, 117.	0.7	8
10	Determining an effective short term COVID-19 prediction model in ASEAN countries. Scientific Reports, 2022, 12, 5083.	1.6	14
11	Critical behavior and phase diagram of layered ferromagnetic $\text{FeTaS}_3$ single crystals. Physical Review B, 2022, 105, .	1.1	5
12	A comprehensive method for improvement of water quality index (WQI) models for coastal water quality assessment. Water Research, 2022, 219, 118532.	5.3	94
13	Inference of a "Hot Ice" Layer in Nitrogen-Rich Planets: Demixing the Phase Diagram and Phase Composition for Variable Concentration Helium-Nitrogen Mixtures Based on Isothermal Compression. Journal of Physical Chemistry A, 2022, 126, 3745-3757.	1.1	0
14	Eco-friendly yield-scaled global warming potential assists to determine the right rate of nitrogen in rice system: A systematic literature review. Environmental Pollution, 2021, 271, 116386.	3.7	14
15	A cross-sectional study of anxiety, stress, perception and mental health towards online learning of school children in India during COVID-19. Journal of Interdisciplinary Mathematics, 2021, 24, 411-424.	0.4	26
16	Itinerant magnetism in the half-metallic Heusler compound $\text{Co}_2\text{HfSn}$ : Evidence from critical behavior combined with first-principles calculations. Physical Review B, 2021, 103, .	1.1	11
17	Factors associated with coverage of vitamin a supplementation among Bangladeshi children: mixed modelling approach. BMC Public Health, 2021, 21, 648.	1.2	7
18	Pressure-Induced Anomalous Emission Behaviors of MnS/ZnS Quantum Dots. Journal of Physical Chemistry C, 2021, 125, 9281-9286.	1.5	3

#	ARTICLE	IF	CITATIONS
19	A Non-Linear Biostatistical Graphical Modeling of Preventive Actions and Healthcare Factors in Controlling COVID-19 Pandemic. International Journal of Environmental Research and Public Health, 2021, 18, 4491.	1.2	12
20	Modelling the Transmission Dynamics of COVID-19 in Six High-Burden Countries. BioMed Research International, 2021, 2021, 1-17.	0.9	25
21	Uncertainty assessment of spatial domain models in early stage mining projects – A review. Ore Geology Reviews, 2021, 133, 104098.	1.1	10
22	Evaluation of COVID-19 Mitigation Policies in Australia Using Generalised Space-Time Autoregressive Intervention Models. International Journal of Environmental Research and Public Health, 2021, 18, 7474.	1.2	6
23	Analysis of COVID-19 using a modified SLIR model with nonlinear incidence. Results in Physics, 2021, 27, 104478.	2.0	19
24	Rural-urban determinants of vitamin a deficiency among under 5 children in Bangladesh: Evidence from National Survey 2017–18. BMC Public Health, 2021, 21, 1569.	1.2	7
25	Trends and determinants of vaccination among children aged 06–59 months in Bangladesh: country representative survey from 1993 to 2014. BMC Public Health, 2021, 21, 1578.	1.2	12
26	Scaling analysis of magnetic-thermal behaviors in ferromagnetic insulator LaCoO <sub>3</sub> thin film. Current Applied Physics, 2021, 28, 87-92.	1.1	6
27	Mathematical analysis of a measles transmission dynamics model in Bangladesh with double dose vaccination. Scientific Reports, 2021, 11, 16571.	1.6	16
28	Comparison of interpretation uncertainty in spatial domains using portable x-ray fluorescence and ICP data. Applied Computing and Geosciences, 2021, 12, 100067.	1.0	1
29	Two-dimensional magnetic interplay in the tensile-strained LaCoO <sub>3</sub> thin films. Physical Chemistry Chemical Physics, 2021, 23, 4912-4918.	1.3	11
30	Text Mining and Sentiment Analysis of Newspaper Headlines. Information (Switzerland), 2021, 12, 414.	1.7	10
31	A Review of COVID-19 Modelling Strategies in Three Countries to Develop a Research Framework for Regional Areas. Viruses, 2021, 13, 2185.	1.5	7
32	Determinants of exclusive breastfeeding practice in Bangladesh: Evidence from nationally representative survey data. PLoS ONE, 2020, 15, e0236080.	1.1	22
33	Routine Vaccination Disruption in Low-Income Countries: An Impact of COVID-19 Pandemic. Asia-Pacific Journal of Public Health, 2020, 32, 509-510.	0.4	13
34	Developing an Explanatory Risk Management Model to Comprehend the Employees' Intention to Leave Public Sector Organization. Journal of Risk and Financial Management, 2020, 13, 200.	1.1	2
35	Multiple magnetic phase transitions, electrical and optical properties of FeTe <sub>2</sub> single crystals. Journal of Physics Condensed Matter, 2020, 32, 035808.	0.7	11
36	Prediction of $\text{MnSiTe}_3$ as an intrinsic layered half-metal. Physical Review B, 2020, 101, .		

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37	Temperature dependent optical properties of LaCoO <sub>3</sub> /SrTiO <sub>3</sub> thin film studied by spectroscopic ellipsometry. AIP Advances, 2020, 10, 035117.	0.6	2
38	Magneto-transport and Shubnikov-de Haas oscillations in the layered ternary telluride topological semimetal candidate Ta <sub>3</sub> SiTe <sub>6</sub> . Applied Physics Letters, 2020, 116, .	1.5	15
39	Observation of superconductivity accompanying the pressure-induced structural phase transition in LaSb. Physical Review B, 2020, 101, .	1.1	9
40	Cost-effective modeling of the transmission dynamics of malaria: A case study in Bangladesh. Communications in Statistics Case Studies Data Analysis and Applications, 2020, 6, 270-286.	0.3	5
41	Strategic fit strategy formulation: keys to enhancing competitiveness and improving capabilities of a manufacturing unit. Production and Manufacturing Research, 2020, 8, 59-79.	0.9	3
42	Real-life Management Strategy of COVID-19 Patients in Bangladesh with No Death: An Observational and Cohort Study. Euroasian Journal of Hepato-gastroenterology, 2020, 10, 31-35.	0.1	8
43	Assessing Robustness of Regularized Regression Models with Applications. Advances in Intelligent Systems and Computing, 2020, , 401-415.	0.5	2
44	Therapeutic Endoscopy during COVID-19 Pandemic: An Observational Study from Bangladesh. Euroasian Journal of Hepato-gastroenterology, 2020, 10, 47-49.	0.1	1
45	Factors affecting seed germination and emergence of button grass ( Dactyloctenium radulans ) (R.Br.) P.Beauv.. Weed Biology and Management, 2019, 19, 85-92.	0.6	5
46	Pressure-induced modification of the anomalous Hall effect in layered $\text{Fe}_{1-x}\text{Co}_x\text{Te}$ . Physical Review B, 2019, 100, .	1.3	12
47	Strategic fit: model development and fitness analysis of a manufacturing unit. Production and Manufacturing Research, 2019, 7, 44-66.	0.9	8
48	Joint West Michigan Chapter Invites Distinguished Lecturer Prof. Shenai [Society News]. IEEE Power Electronics Magazine, 2019, 6, 81-81.	0.6	0
49	Critical behavior in the half-metallic Heusler alloy $\text{Co}_2\text{TiSn}$ . Physical Review B, 2019, 100, .	1.1	18
50	Statistical Modelling of Seed Germination and Seedlings Root Response of Annual Ryegrass (Lolium) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 5	0.9	4
51	Multi-level models can benefit from minimizing higher-order variations: an illustration using child malnutrition data. Journal of Statistical Computation and Simulation, 2019, 89, 1090-1110.	0.7	10
52	Rural-Urban Differentials of Childhood Malnutrition in Bangladesh. International Journal of Child Health and Nutrition, 2019, 8, 35-42.	0.0	5
53	Determinants of Infant Mortality in Bangladesh: A Nationally Surveyed Data Analysis. International Journal of Child Health and Nutrition, 2019, 8, 93-102.	0.0	4
54	Sticky bands as effective tools to manage looper pests (Lepidoptera: Geometridae) in tea crops. Entomologia Generalis, 2019, 39, 347-351.	1.1	0

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55	Australian native flowering plants enhance the longevity of three parasitoids of brassica pests. <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 265-276.	0.7	21
56	Pressure-induced topological phase transitions and structural transition in 1T-TiTe <sub>2</sub> single crystal. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	26
57	Geographical variation in susceptibility of tea red spider mite, <i>Oligonychus coffeae</i> (Nietner) (Acari: Tetranychidae) to commonly used acaricides in tea plantations of Assam, north east India. <i>International Journal of Acarology</i> , 2018, 44, 41-45.	0.3	6
58	Field induced an irreversible ferromagnetic transition in BiFeO <sub>3</sub> based composite system. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 462, 230-235.	1.0	5
59	Malware Analysis and Detection Using Data Mining and Machine Learning Classification. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 266-274.	0.5	27
60	Probing the role of cation vacancies on the ferromagnetism of La-doped BiFeO <sub>3</sub> ceramics. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 449, 401-405.	1.0	35
61	Strain-induced conductivity accelerated recoveries in LaAlO <sub>3</sub> /SrTiO <sub>3</sub> heterostructure with millimeter scale. <i>RSC Advances</i> , 2018, 8, 37804-37810.	1.7	0
62	Effectiveness and safety of electronic cigarettes among sole and dual user vapers in Kuantan and Pekan, Malaysia: a six-month observational study. <i>BMC Public Health</i> , 2018, 18, 1028.	1.2	14
63	An effective teaching plan to introduce professional and practice-based education at tertiary institution. <i>International Journal of Learning and Change</i> , 2018, 10, 185.	0.2	1
64	Curcumin ameliorates liver damage and progression of NASH in NASH-HCC mouse model possibly by modulating HMGB1-NF- $\kappa$ B translocation. <i>International Immunopharmacology</i> , 2017, 44, 174-182.	1.7	89
65	Small area housing stress estimation in Australia: Calculating confidence intervals for a spatial microsimulation model. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 7466-7484.	0.6	3
66	Laser effects on phase transition for cubic Sb <sub>2</sub> O <sub>3</sub> microcrystals under high pressure. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5451-5457.	2.7	26
67	A Distributed and Elastic Application Processing Model for Mobile Cloud Computing. <i>Wireless Personal Communications</i> , 2017, 95, 4403-4423.	1.8	5
68	Comparative biology, predation capacity and effect of an artificial diet on reproductive parameters of green lacewing <i>Mallada boninensis</i> (Neuroptera: Chrysomelidae). <i>Tijdschrift voor Entomologie</i> , 2017, 50, 217-224.	1.5	2
69	Use of some plant extracts for management of red spider mite, <i>Oligonychus coffeae</i> (Acarina: Tetranychidae). <i>Tijdschrift voor Entomologie</i> , 2017, 50, 217-224.	1.0	2
70	Protecting data from malware threats using machine learning technique. , 2017, , .		10
71	Modeling Effects of KM and HRM Processes to the Organizational Performance and Employee's Job Satisfaction. <i>International Journal of Business and Management</i> , 2017, 12, 35.	0.1	2
72	Estimating small area health-related characteristics of populations: a methodological review. <i>Geospatial Health</i> , 2017, 12, 495.	0.3	22

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73	An Assessment of the Effects of Prior Distributions on the Bayesian Predictive Inference. International Journal of Statistics and Probability, 2016, 5, 31.	0.1	3
74	Development of Tideâ€“Surge Interaction Model for the Coastal Region of Bangladesh. Estuaries and Coasts, 2016, 39, 1582-1599.	1.0	24
75	Performance verification of saturated IPM bearingless motors considering magnetic pull variation. , 2016, , .		0
76	Maternal lead exposure decreases the levels of brain development and cognition-related proteins with concomitant upsurges of oxidative stress, inflammatory response and apoptosis in the offspring rats. NeuroToxicology, 2016, 56, 150-158.	1.4	56
77	Aqueous extracts of <i>Duranta repens</i> (Verbenaceae) as an alternative to control tea red spider mite, <i>Oligonychus coffeae</i> (Acari: Tetranychidae). International Journal of Tropical Insect Science, 2016, 36, 82-90.	0.4	4
78	Evaluating effectiveness and safety toward electronic cigarette among Malaysian vapers: One-month observational study. Archives of Pharmacy Practice, 2016, 7, 43.	0.2	9
79	DIETARY PRACTICES, HEALTH STATUS AND HYGIENE OBSERVANCE OF SLUM KIDS: A PILOT STUDY IN AN ASIAN DEVELOPING COUNTRY. JP Journal of Biostatistics, 2016, 13, 195-208.	0.0	1
80	Implementation of high speed optical universal logic gates using the electro-optic effect-based Machâ€“Zehnder interferometer structures. Journal of Modern Optics, 2015, 62, 978-988.	0.6	18
81	Musculoskeletal health and safety of aged workers in manual handling works. , 2015, , .		3
82	Quantitative Analysis of Amartya Sen's Theory. International Journal of Information Communication Technologies and Human Development, 2015, 7, 13-26.	0.2	4
83	Theses and dissertations in institutional repositories: an Asian perspective. New Library World, 2014, 115, 438-451.	1.1	14
84	<i>Terminalia chebula</i> Retz. (Combretaceae): source of a botanical acaricide against <i>Oligonychus coffeae</i> Nietner (Acarina: Tetranychidae). International Journal of Acarology, 2014, 40, 138-144.	0.3	16
85	BOG ventilation and combustion in re-liquefaction plants of LNG carriers. , 2014, , .		1
86	Knowledge on Vitamin A Rich Foods among Mothers of Preschool Children in Nepal: Impacts on Public Health and Policy Concerns. Science Journal of Public Health, 2014, 2, 316.	0.1	7
87	Dispersion characteristics of plasmonic waveguides for THz waves. , 2013, , .		1
88	Simulating the characteristics of populations at the small area level: New validation techniques for a spatial microsimulation model in Australia. Computational Statistics and Data Analysis, 2013, 57, 149-165.	0.7	18
89	Primary effects of intravitreal bevacizumab inpatients with diabetic macular edema. Pakistan Journal of Medical Sciences, 2013, 29, 1018-22.	0.3	5
90	Prevalence and Determinants of Chronic Malnutrition Among Under-5 Children in Ethiopia. International Journal of Child Health and Nutrition, 2013, 2, 230-236.	0.0	10

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91	Jurisdictional, socioeconomic and gender inequalities in child health and development: analysis of a national census of 5-year-olds in Australia. <i>BMJ Open</i> , 2012, 2, e001075.	0.8	75
92	Nexus of learning style with satisfaction and success of accounting students: a cross-cultural study at an Australian university. <i>International Journal of Learning and Change</i> , 2011, 5, 288.	0.2	3
93	Docosahexaenoic acid withstands the A $\beta$ 25-35-induced neurotoxicity in SH-SY5Y cells. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 22-29.	1.9	35
94	Nexus Between Cultural Dissonance, Management Accounting Systems, and Managerial Effectiveness: Evidence from an Asian Developing Country. <i>Journal of Asia-Pacific Business</i> , 2011, 12, 280-303.	0.8	5
95	Preamble Design for Millimeter-Wave Single Carrier WPANs. , 2009, , .		0
96	Acute Malnutrition in Bangladeshi Children. <i>Asia-Pacific Journal of Public Health</i> , 2009, 21, 294-302.	0.4	52
97	Voltage Characteristics of a Consequent-Pole Bearingless PM Motor With Concentrated Windings. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 2823-2826.	1.2	31
98	A SNR Mapping Scheme for ZF/MMSE Based SC-FDE Structured WPANs. , 2009, , .		3
99	Beamforming Codebook Design and Performance Evaluation for 60GHz Wideband WPANs. , 2009, , .		74
100	Methodological Issues in Spatial Microsimulation Modelling for Small Area Estimation. , 2009, 3, 3-22.		27
101	Operation Range Estimation of Reed-Solomon Coded SC-FDE System in 60-GHz WPANs. <i>International Conference on Advanced Communication Technology</i> , 2008, , .	0.0	0
102	DETERMINANTS OF CHRONIC MALNUTRITION AMONG PRESCHOOL CHILDREN IN BANGLADESH. <i>Journal of Biosocial Science</i> , 2007, 39, 161-173.	0.5	134
103	A study of Coriolis effects on long waves propagating in an unbounded ocean, channel and basin. <i>Ocean Engineering</i> , 2007, 34, 1701-1705.	1.9	0
104	EFFECTS OF SHRIMP ( <i>MACROBRACIUM ROSENBERGII</i> )-DERIVED CHITOSAN ON PLASMA LIPID PROFILE AND LIVER LIPID PEROXIDE LEVELS IN NORMO- AND HYPERCHOLESTEROLAEMIC RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 170-176.	0.9	24
105	Intersex inflorescences of <i>Rumex acetosa</i> demonstrate that sex determination is unique to each flower. <i>New Phytologist</i> , 2005, 165, 711-720.	3.5	23
106	Nutritional regulation of ANR1 and other root-expressed MADS-box genes in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2005, 222, 730-742.	1.6	148
107	Small Area Estimation and Microsimulation Modeling. , 0, , .		24