Golam Kabir

List of Publications by Year
in descending order

119 papers	3,386 citations	159585 30 h-index	168389 53 g-index
123 all docs	123 docs citations	123 times ranked	2683 citing authors

#	Article	IF	Citations
1	A review of multi-criteria decision-making methods for infrastructure management. Structure and Infrastructure Engineering, 2014, 10, 1176-1210.	3.7	286
2	Improving supply chain sustainability in the context of COVID-19 pandemic in an emerging economy: Exploring drivers using an integrated model. Sustainable Production and Consumption, 2021, 26, 411-427.	11.0	249
3	Evaluating risk of water mains failure using a Bayesian belief network model. European Journal of Operational Research, 2015, 240, 220-234.	5.7	170
4	Power substation location selection using fuzzy analytic hierarchy process and PROMETHEE: A case study from Bangladesh. Energy, 2014, 72, 717-730.	8.8	146
5	Framework for evaluating risks in food supply chain: Implications in food wastage reduction. Journal of Cleaner Production, 2019, 228, 786-800.	9.3	132
6	Challenges to COVID-19 vaccine supply chain: Implications for sustainable development goals. International Journal of Production Economics, 2021, 239, 108193.	8.9	130
7	A fuzzy Bayesian belief network for safety assessment of oil and gas pipelines. Structure and Infrastructure Engineering, 2016, 12, 874-889.	3.7	113
8	Assessing urban areas vulnerability to pluvial flooding using GIS applications and Bayesian Belief Network model. Journal of Cleaner Production, 2018, 174, 1629-1641.	9.3	108
9	Prioritization of drivers of corporate social responsibility in the footwear industry in an emerging economy: A fuzzy AHP approach. Journal of Cleaner Production, 2018, 201, 369-381.	9.3	82
10	Enablers of social sustainability in the supply chain: An example of footwear industry from an emerging economy. Sustainable Production and Consumption, 2019, 20, 230-242.	11.0	69
11	Strategies to Manage the Impacts of the COVID-19 Pandemic in the Supply Chain: Implications for Improving Economic and Social Sustainability. Sustainability, 2020, 12, 9483.	3.2	67
12	Multi-criteria inventory classification through integration of fuzzy analytic hierarchy process and artificial neural network. International Journal of Industrial and Systems Engineering, 2013, 14, 74.	0.2	53
13	Consequence-based framework for buried infrastructure systems: A Bayesian belief network model. Reliability Engineering and System Safety, 2018, 180, 290-301.	8.9	53
14	Supply chain sustainability assessment with Dempster-Shafer evidence theory: Implications in cleaner production. Journal of Cleaner Production, 2019, 237, 117771.	9.3	53
15	A knowledge-based expert system to assess power plant project cost overrun risks. Expert Systems With Applications, 2019, 136, 12-32.	7.6	53
16	A structural model for investigating the driving and dependence power of supply chain risks in the readymade garment industry. Journal of Retailing and Consumer Services, 2019, 51, 102-113.	9.4	50
17	A novel particle swarm optimization-based grey model for the prediction of warehouse performance. Journal of Computational Design and Engineering, 2021, 8, 705-727.	3.1	47
18	Barriers to lean six sigma implementation in the supply chain: An ISM model. Computers and Industrial Engineering, 2020, 149, 106843.	6.3	46

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19	Waste disposal characteristics and data variability in a mid-sized Canadian city during COVID-19. Waste Management, 2021, 122, 49-54.	7.4	46
20	Interactions of residential waste composition and collection truck compartment design on GIS route optimization. Waste Management, 2020, 102, 613-623.	7.4	43
21	Modeling transportation disruptions in the supply chain of automotive parts manufacturing company. International Journal of Production Economics, 2020, 222, 107511.	8.9	42
22	Integrating failure prediction models for water mains: Bayesian belief network based data fusion. Knowledge-Based Systems, 2015, 85, 159-169.	7.1	41
23	Predicting water main failures using Bayesian model averaging and survival modelling approach. Reliability Engineering and System Safety, 2015, 142, 498-514.	8.9	40
24	Antecedents for greening the workforce: implications for green human resource management. International Journal of Manpower, 2019, 41, 1135-1153.	4.4	40
25	Identification of behaviour patterns in waste collection and disposal during the first wave of COVID-19 in Regina, Saskatchewan, Canada. Journal of Environmental Management, 2021, 290, 112663.	7.8	37
26	Multiple criteria inventory classification using fuzzy analytic hierarchy process. International Journal of Industrial Engineering Computations, 2012, 3, 123-132.	0.7	35
27	Development of flood resilience framework for housing infrastructure system: Integration of best-worst method with evidence theory. Journal of Cleaner Production, 2021, 290, 125197.	9.3	35
28	Admitting risks towards circular economy practices and strategies: An empirical test from supply chain perspective. Journal of Cleaner Production, 2021, 317, 128420.	9.3	35
29	Modeling of municipal waste disposal rates during COVID-19 using separated waste fraction models. Science of the Total Environment, 2021, 789, 148024.	8.0	34
30	An AHP-ELECTRE framework to evaluate barriers to green supply chain management in the leather industry. International Journal of Sustainable Development and World Ecology, 2019, 26, 732-751.	5.9	33
31	Contextual relationships among drivers and barriers to circular economy: An integrated ISM and DEMATEL approach. Sustainable Operations and Computers, 2022, 3, 43-53.	13.1	33
32	A framework for sustainable supplier selection with transportation criteria. International Journal of Sustainable Engineering, 2020, 13, 77-92.	3.5	32
33	Factors Affecting the Buying Intention of Organic Tea Consumers of Bangladesh. Journal of Open Innovation: Technology, Market, and Complexity, 2018, 4, 24.	5.2	28
34	Handling incomplete and missing data in water network database using imputation methods. Sustainable and Resilient Infrastructure, 2020, 5, 365-377.	2.8	28
35	Evaluating strategies for environmental sustainability in a supply chain of an emerging economy. Journal of Cleaner Production, 2020, 262, 121389.	9.3	28
36	Assessing sustainability risks in the supply chain of the textile industry under uncertainty. Resources, Conservation and Recycling, 2022, 177, 105975.	10.8	28

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37	Framework for benchmarking online retailing performance using fuzzy AHP and TOPSIS method. International Journal of Industrial Engineering Computations, 2012, 3, 561-576.	0.7	27
38	Integrating modified Delphi method with fuzzy AHP for optimal power substation location selection. International Journal of Multicriteria Decision Making, 2013, 3, 381.	0.2	27
39	Sewer Structural Condition Prediction Integrating Bayesian Model Averaging with Logistic Regression. Journal of Performance of Constructed Facilities, 2018, 32, .	2.0	27
40	Critical success factors for implementing green supply chain management in the electronics industry: an emerging economy case. International Journal of Logistics Research and Applications, 2022, 25, 493-520.	8.8	26
41	Predicting water main failures: A Bayesian model updating approach. Knowledge-Based Systems, 2016, 110, 144-156.	7.1	25
42	A hierarchical model for critical success factors in apparel supply chain. Business Process Management Journal, 2020, 26, 1761-1788.	4.2	25
43	An integrated approach for modelling and quantifying housing infrastructure resilience against flood hazard. Journal of Cleaner Production, 2021, 288, 125526.	9.3	25
44	Water mains renewal planning framework for small to medium sized water utilities: a life cycle cost analysis approach. Urban Water Journal, 2017, 14, 493-501.	2.1	23
45	Examining transportation disruption risk in supply chains: A case study from Bangladeshi pharmaceutical industry. Research in Transportation Business and Management, 2020, 37, 100485.	2.9	23
46	The use of a recurrent neural network model with separated time-series and lagged daily inputs for waste disposal rates modeling during COVID-19. Sustainable Cities and Society, 2021, 75, 103339.	10.4	23
47	Integrating Bayesian Linear Regression with Ordered Weighted Averaging: Uncertainty Analysis for Predicting Water Main Failures. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2015, 1, .	1.7	22
48	Multiple Criteria Inventory Classification Under Fuzzy Environment. International Journal of Fuzzy System Applications, 2012, 2, 76-92.	0.7	21
49	Selection of hazardous industrial waste transportation firm using extended VIKOR method under fuzzy environment. International Journal of Data Analysis Techniques and Strategies, 2015, 7, 40.	0.2	21
50	Green supply chain management in the chemical industry: structural framework of drivers. International Journal of Sustainable Development and World Ecology, 2019, 26, 752-768.	5.9	21
51	Integrating fuzzy analytic hierarchy process with PROMETHEE method for total quality management consultant selection. Production and Manufacturing Research, 2014, 2, 380-399.	1.5	19
52	Interphase Nuclear Structure and Heterochromatin in Two Species of Corchorus and Their F1 Hybrid.. Cytologia, 1992, 57, 21-25.	0.6	18
53	Bayesian model averaging for the prediction of water main failure for small to large Canadian municipalities. Canadian Journal of Civil Engineering, 2016, 43, 233-240.	1.3	18
54	Role of Ergonomic Factors Affecting Production of Leather Garment-Based SMEs of India: Implications for Social Sustainability. Symmetry, 2020, 12, 1414.	2.2	18

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55	Critical Success Factors for Supply Chain Sustainability in the Wood Industry: An Integrated PCA-ISM Model. Sustainability, 2022, 14, 1863.	3.2	18
56	Earthquake-related Natech risk assessment using a Bayesian belief network model. Structure and Infrastructure Engineering, 2019, 15, 725-739.	3.7	17
57	Yard waste prediction from estimated municipal solid waste using the grey theory to achieve a zero-waste strategy. Environmental Science and Pollution Research, 2022, 29, 46859-46874.	5.3	16
58	Modelling and quantification of time-varying flood resilience for housing infrastructure using dynamic Bayesian Network. Journal of Cleaner Production, 2022, 361, 132266.	9.3	16
59	Hazardous waste transportation firm selection using fuzzy analytic hierarchy and PROMETHEE methods. International Journal of Shipping and Transport Logistics, 2015, 7, 115.	0.5	15
60	Performance evaluation of employees using Bayesian belief network model. International Journal of Management Science and Engineering Management, 2018, 13, 91-99.	3.1	15
61	Analysis of supply chain risk in the ceramic industry using the TOPSIS method under a fuzzy environment. Journal of Modelling in Management, 2019, 14, 792-815.	1.9	15
62	Satisfaction of E-Learners with Electronic Learning Service Quality Using the SERVQUAL Model. Journal of Open Innovation: Technology, Market, and Complexity, 2021, 7, 227.	5.2	15
63	Building theory of green supply chain management for the chemical industry. Management of Environmental Quality, 2020, 31, 1285-1308.	4.3	13
64	Flood Resilience of Housing Infrastructure Modeling and Quantification Using a Bayesian Belief Network. Sustainability, 2021, 13, 1026.	3.2	13
65	Selection of Concrete Production Facility Location Integrating Fuzzy AHP with TOPSIS Method. International Journal of Productivity Management and Assessment Technologies, 2012, 1, 40-59.	0.6	12
66	Integrating fuzzy Delphi method with artificial neural network for demand forecasting of power engineering company. Management Science Letters, 2012, 2, 1491-1504.	1.5	12
67	Material selection for femoral component of total knee replacement integrating fuzzy AHP with PROMETHEE. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3481-3493.	1.4	12
68	Selection of Winter Season Crop Pattern for Environmental-Friendly Agricultural Practices in India. Sustainability, 2020, 12, 4562.	3.2	12
69	Green Supply Chain Performance Prediction Using a Bayesian Belief Network. Sustainability, 2020, 12, 1101.	3.2	12
70	Association of serum free IGF-1 and IGFBP-1 with insulin sensitivity in impaired glucose tolerance (IGT). International Journal of Diabetes Mellitus, 2010, 2, 144-147.	0.6	11
71	Prediction of water security level for achieving sustainable development objectives in Saskatchewan, Canada: Implications for resource conservation in developed economies. Journal of Cleaner Production, 2021, 311, 127521.	9.3	11
72	Evaluating factors contributing to the failure of information system in the banking industry. PLoS ONE, 2022, 17, e0265674.	2.5	11

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73	Project time–cost trade-off: a Bayesian approach to update project time and cost estimates. International Journal of Management Science and Engineering Management, 2017, 12, 206-215.	3.1	10
74	An advanced decision-making model for evaluating manufacturing plant locations using fuzzy inference system. Expert Systems With Applications, 2022, 191, 116378.	7.6	10
75	Interphase nuclear structure and heterochromatin in Cicer species.. Cytologia, 1989, 54, 27-32.	0.6	9
76	Comparative Analysis of Artificial Neural Networks and Neuro-Fuzzy Models for Multicriteria Demand Forecasting. International Journal of Fuzzy System Applications, 2013, 3, 1-24.	0.7	9
77	Integrated Model for Soft Drink Industry Supply Chain Risk Assessment: Implications for Sustainability in Emerging Economies. International Journal of Fuzzy Systems, 2022, 24, 1148-1169.	4.0	9
78	A bibliometric analysis on oil and gas pipeline failure consequence analysis. Innovative Infrastructure Solutions, 2021, 6, 1.	2.2	9
79	Evaluating interaction between internal hospital supply chain performance indicators: a rough-DEMATEL-based approach. International Journal of Productivity and Performance Management, 2022, 71, 2087-2113.	3.7	9
80	Benchmarking Canadian solid waste management system integrating fuzzy analytic hierarchy process (FAHP) with efficacy methods. Environmental Science and Pollution Research, 2022, 29, 51578-51588.	5.3	9
81	Evaluating strategies to decarbonize oil and gas supply chain: Implications for energy policies in emerging economies. Energy, 2022, 258, 124805.	8.8	9
82	Effect Of Preserved Seeds Using Different Botanicals On Seed Quality Of Lentil. Bangladesh Journal of Agricultural Research, 2011, 36, 381-387.	0.1	7
83	Developing a Decision-Making Framework to Improve Healthcare Service Quality during a Pandemic. Applied System Innovation, 2022, 5, 3.	4.6	7
84	Application of adaptive neuro fuzzy inference system in demand forecasting for power engineering company. International Journal of Industrial and Systems Engineering, 2014, 18, 237.	0.2	6
85	Productivity Benchmarking Using Analytic Network Process (ANP) and Data Envelopment Analysis (DEA). Big Data and Cognitive Computing, 2018, 2, 27.	4.7	6
86	Earthquake Resilience Framework for a Stormwater Pipe Infrastructure System Integrating the Best Worst Method and Dempster–Shafer Theory. Sustainability, 2022, 14, 2710.	3.2	6
87	Integrating fuzzy Delphi with graph theory and matrix methods for evaluation of hazardous industrial waste transportation firm. International Journal of Logistics Economics and Globalisation, 2012, 4, 221.	0.5	5
88	Integrating fuzzy AHP with TOPSIS method for optimal power substation location selection. International Journal of Logistics Economics and Globalisation, 2013, 5, 312.	0.5	5
89	An Integrated Approach for Failure Analysis of Natural Gas Transmission Pipeline. CivilEng, 2021, 2, 87-119.	1.4	5
90	Occupational Risk Assessment of Wind Turbines in Bangladesh. Applied System Innovation, 2022, 5, 34.	4.6	5

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91	Bridge infrastructure resilience assessment against seismic hazard using Bayesian best worst method. Canadian Journal of Civil Engineering, 2022, 49, 1669-1685.	1.3	5
92	Meiotic Studies in Two Species of Cicer and Their Hybrids.. Cytologia, 1991, 56, 577-585.	0.6	4
93	Integrating Modified Delphi with Fuzzy AHP for Concrete Production Facility Location Selection. International Journal of Fuzzy System Applications, 2013, 3, 68-81.	0.7	4
94	Consultant selection for quality management using VIKOR method under fuzzy environment. International Journal of Multicriteria Decision Making, 2014, 4, 96.	0.2	4
95	A new approach to select the reliable suppliers for one-shot devices. Production Engineering, 2021, 15, 371-382.	2.3	4
96	Evaluation of the barriers to and drivers of the implementation of solar energy in Saudi Arabia. International Journal of Sustainable Development and World Ecology, 2022, 29, 543-558.	5.9	4
97	Meiotic Studies in Seven Pulse Crops of Bangladesh.. Cytologia, 1991, 56, 511-515.	0.6	3
98	Water mainsâ€™ prioritisation for small to medium-sized utilities of Canada. Infrastructure Asset Management, 2020, 7, 77-85.	1.6	3
99	Productivity modeling of apparel industry using Hierarchical Evidential Reasoning. Journal of Cleaner Production, 2021, 282, 125298.	9.3	3
100	Yield Response of Black Gram to Inoculation by Different Rhizobium Strains using Various Types of Adhesives. Asian Journal of Biological Sciences, 2013, 6, 181-186.	0.2	3
101	Metabolic syndrome of prediabetic and diabetic subjects in a Bangladeshi population. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2009, 3, 233-236.	3.6	2
102	Development of a Collaborative Decision-Making Framework to Improve the Patients' Service Quality in the Intensive Care Unit. , 2020, , .		2
103	Appropriate strategy selection for reliability-centered maintenance of one-shot systems using fuzzy model. Journal of Quality in Maintenance Engineering, 2021, ahead-of-print, .	1.7	1
104	Morphological Variation of Ten Ipomoea Species of Bangladesh. Pakistan Journal of Biological Sciences, 2006, 9, 1714-1719.	0.5	1
105	Cytological effect of virus infection in five crop species. Bangladesh Journal of Botany, 2008, 37, 207-209.	0.4	1
106	Effect Of Water Stress On Stomatal Characters Of Twenty One Near Isogenic Lines Of Wheat (<i>Triticum Aestivum</i> L.). Bangladesh Journal of Agricultural Research, 2011, 36, 173-181.	0.1	1
107	Bridge Infrastructure Resilience Analysis Against Seismic Hazard Using Best-Worst Methods. , 2022, , 95-109.		1
108	Municipal Infrastructure Prioritization based on Consequence-Based Decision-Making Framework. , 2020, , .		1

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109	Implementation of Linear Programming and Decision-Making Model for the Improvement of Warehouse Utilization. Applied System Innovation, 2022, 5, 33.	4.6	1
110	Bumper Beam Composite Material Selection using Fuzzy Multi-Criteria Analysis. , 2022, , .		1
111	Sustainable Assessment in Supply Chain and Infrastructure Management. Sustainability, 2022, 14, 6787.	3.2	1
112	Lessons learned during Covid-19 from engineering asset management of dams. Proceedings of the Institution of Civil Engineers - Smart Infrastructure and Construction, 0, , 1-14.	1.7	0
113	Inheritance of tip sterility in relation to auricle pigmentation and waxy bloom in three crosses of hexaploid wheat (<i>Triticum aestivum</i> L.). Bangladesh Journal of Agricultural Research, 2010, 35, 535-541.	0.1	0
114	Productivity Modeling of Manufacturing Industry Using the Rough Analytic Hierarchy Process. , 2019, , 165-185.		0
115	Flood Resilience Quantification for Housing Infrastructure Using Analytic Hierarchy Process. Lecture Notes in Civil Engineering, 2022, , 43-53.	0.4	0
116	Natural Gas Pipeline Failure Risk Prediction and Relation Analysis by Combining Rough-AHP and Rough DEMATEL Method. , 2020, , .		0
117	Evaluation of Interaction between Bridge Infrastructure Resilience Factors Against Seismic Hazard Hazard. , 2021, , .		0
118	Climate Change in Kingdom of Saudi Arabia: Effects, Trends and Planned Actions. , 2021, , .		0
119	Selection of Sustainable Energy Alternatives from Indian Context. , 2022, , .		0