

Rashedur M Rahman

List of Publications by Year in descending order

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156
papers

1,158
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840776

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158
docs citations

158
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Label Noise on Performance of Remote Sensing and Deep Learning-Based Water Body Segmentation Models. <i>Cybernetics and Systems</i> , 2022, 53, 581-606.	2.5	7
2	Effects of Label Noise on Regression Performances and Model Complexities for Hybridized Machine Learning Based Spatial Flood Susceptibility Modelling. <i>Cybernetics and Systems</i> , 2022, 53, 362-379.	2.5	2
3	Water Level Forecasting Using Spatiotemporal Attention-Based Long Short-Term Memory Network. <i>Water (Switzerland)</i> , 2022, 14, 612.	2.7	24
4	Effect of Label Noise on Multi-Class Semantic Segmentation: A Case Study on Bangladesh Marine Region. <i>Applied Artificial Intelligence</i> , 2022, 36, .	3.2	1
5	National-scale flood risk assessment using GIS and remote sensing-based hybridized deep neural network and fuzzy analytic hierarchy process models: a case of Bangladesh. <i>Geocarto International</i> , 2022, 37, 12119-12148.	3.5	12
6	A Blockchain, Smart Contract and Data Mining Based Approach toward the Betterment of E-Commerce. <i>Cybernetics and Systems</i> , 2022, 53, 443-467.	2.5	5
7	Solar PV System for Self-Consumption. , 2022, , .		2
8	IronMan: An Android-Web Based Application for Laundry Services. , 2022, , .		1
9	A Real-Time Parking Space Occupancy Detection Using Deep Learning Model. , 2022, , .		1
10	Image Captioning- Bangladesh's Heritage Perspective Using Deep Learning. , 2022, , .		0
11	IoT Botnet Detection Using Various One-Class Classifiers. <i>Vietnam Journal of Computer Science</i> , 2021, 08, 291-310.	1.2	2
12	Classification of Deep-SAT Images under Label Noise. <i>Applied Artificial Intelligence</i> , 2021, 35, 1196-1218.	3.2	4
13	Dense prediction of label noise for learning building extraction from aerial drone imagery. <i>International Journal of Remote Sensing</i> , 2021, 42, 8906-8929.	2.9	8
14	Deep learning approach on tabular data to predict early-onset neonatal sepsis. <i>Journal of Information and Telecommunication</i> , 2021, 5, 226-246.	2.8	10
15	Violence Detection by Pretrained Modules with Different Deep Learning Approaches. <i>Vietnam Journal of Computer Science</i> , 2020, 07, 19-40.	1.2	41
16	Analysis of Soil and Various Geo-technical Properties using Data Mining Techniques. , 2020, , .		1
17	Bengali Fake News Detection. , 2020, , .		11
18	Improving Spatial Agreement in Machine Learning-Based Landslide Susceptibility Mapping. <i>Remote Sensing</i> , 2020, 12, 3347.	4.0	70

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19	Comparative Study of Classifiers on Human Activity Recognition by Different Feature Engineering Techniques. , 2020, , .		3
20	Predicting Early Neonatal Sepsis using Neural Networks and Other Classifiers. , 2020, , .		2
21	Application of Data Mining Techniques on Air Pollution of Dhaka City. , 2020, , .		11
22	Differential color harmony: A robust approach for extracting harmonic color features and perceiving aesthetics in a large image dataset. , 2020, , 1-13.		0
23	Machine learning for predicting landslide risk of Rohingya refugee camp infrastructure. Journal of Information and Telecommunication, 2020, 4, 175-198.	2.8	21
24	Learning to extract buildings from ultra-high-resolution drone images and noisy labels. International Journal of Remote Sensing, 2020, 41, 8216-8237.	2.9	6
25	Fusion of BWM and AHP MCDM Methods to Choose the Most Suitable Secondary School for an Individual in the Context of Bangladesh. Vietnam Journal of Computer Science, 2019, 06, 311-328.	1.2	3
26	A step towards information extraction: Named entity recognition in Bangla using deep learning. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7401-7413.	1.4	8
27	Oboyob: A sequential-semantic Bengali image captioning engine. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7427-7439.	1.4	8
28	Artificial Neural Network and Machine Learning Based Methods for Population Estimation of Rohingya Refugees: Comparing Data-Driven and Satellite Image-Driven Approaches. Vietnam Journal of Computer Science, 2019, 06, 439-455.	1.2	6
29	Performance Analysis of Different Recurrent Neural Network Architectures and Classical Statistical Model for Financial Forecasting: A Case Study on Dhaka Stock Exchange. Advances in Intelligent Systems and Computing, 2019, , 277-286.	0.6	5
30	Audio Gadget Recommendation by Fuzzy Logic. Advances in Intelligent Systems and Computing, 2019, , 266-276.	0.6	0
31	An algorithmic approach to estimate cognitive aesthetics of images relative to ground truth of human psychology through a large user study. Journal of Information and Telecommunication, 2019, 3, 156-179.	2.8	3
32	A Novel Fuzzy Inspired Bat Algorithm for Multidimensional Function Optimization Problem. International Journal of Fuzzy System Applications, 2019, 8, 83-100.	0.7	3
33	Focused domain contextual AI chatbot framework for resource poor languages. Journal of Information and Telecommunication, 2019, 3, 248-269.	2.8	13
34	Violent Crowd Flow Detection Using Deep Learning. Lecture Notes in Computer Science, 2019, , 613-625.	1.3	15
35	Kinect 3D Reconstruction Fusion Mapping with C# Algorithm by RGB-D Sensor. , 2019, , .		0
36	Fruit Image Classification Using Convolutional Neural Networks. International Journal of Software Innovation, 2019, 7, 51-70.	0.4	11

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37	Prediction of Autism Severity Level in Bangladesh Using Fuzzy Logic: FIS and ANFIS. Lecture Notes in Computer Science, 2019, , 201-210.	1.3	1
38	Fuzzy Logic Based Weight Balancing. Advances in Intelligent Systems and Computing, 2019, , 354-363.	0.6	0
39	Analysis of Spatial Data and Time Series for Predicting Magnitude of Seismic Zones in Bangladesh. Advances in Intelligent Systems and Computing, 2019, , 364-373.	0.6	0
40	Salary Increment Model Based on Fuzzy Logic. Advances in Intelligent Systems and Computing, 2019, , 344-353.	0.6	3
41	A Fuzzy Logic Approach to Predict the Popularity of a Presidential Candidate. Studies in Computational Intelligence, 2018, , 63-74.	0.9	4
42	Determination of Academic Performance and Academic Consistency by Fuzzy Logic. , 2018, , .		5
43	Early Detection of Glaucoma Using Fuzzy Logic in Bangladesh Context. , 2018, , .		5
44	Crime Prediction Using Multiple-ANFIS Architecture and Spatiotemporal Data. , 2018, , .		2
45	Fuzzy Predictive Model for Estimating the Risk Level of Maternal Mortality while Childbirth. , 2018, , .		2
46	Detection of Exoplanet Systems In Kepler Light Curves Using Adaptive Neuro-Fuzzy System. , 2018, , .		1
47	Automatic Categorization of Traditional Clothing Using Convolutional Neural Network. , 2018, , .		2
48	Income Based Food List Recommendation for Rural People Using Fuzzy Logic. , 2018, , .		2
49	Analysis of Soil Properties and Climatic Data to Predict Crop Yields and Cluster Different Agricultural Regions of Bangladesh. , 2018, , .		19
50	Classification Based on Spectral Characterization and Analysis of Land Cover Change in Dhaka. , 2018, , .		1
51	Identifying Flood Prone Regions in Bangladesh by Clustering. , 2018, , .		1
52	Scoring Photographic Rule of Thirds in a Large MIRFLICKR Dataset: A Showdown Between Machine Perception and Human Perception of Image Aesthetics. Lecture Notes in Computer Science, 2018, , 466-475.	1.3	1
53	A Fuzzy Approach for the Diagnosis of Depression. Studies in Computational Intelligence, 2018, , 199-211.	0.9	2
54	Deep Learning and Data Balancing Approaches in Mining Hospital Surveillance Data. Advances in Healthcare Information Systems and Administration Book Series, 2018, , 140-212.	0.2	1

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55	Perceiving Attributes of Game AI Using Fuzzy Logic. Studies in Computational Intelligence, 2018, , 161-172.	0.9	0
56	Potential Risk Factor Analysis and Risk Prediction System for Stroke Using Fuzzy Logic. Advances in Intelligent Systems and Computing, 2017, , 262-272.	0.6	3
57	A Case Study on Flat Rate Estimation Based on Fuzzy Logic. Advances in Intelligent Systems and Computing, 2017, , 322-332.	0.6	0
58	A Fuzzy Logic Based Recommendation System for Classified Advertisement Websites. Advances in Intelligent Systems and Computing, 2017, , 249-261.	0.6	0
59	Analyzing Life Insurance Data with Different Classification Techniques for Customersâ€™ Behavior Analysis. Studies in Computational Intelligence, 2017, , 15-25.	0.9	1
60	Analyzing Accident Prone Regions by Clustering. Studies in Computational Intelligence, 2017, , 3-13.	0.9	8
61	Classification of Product Rating Using Data Mining Techniques. Studies in Computational Intelligence, 2017, , 27-36.	0.9	1
62	Improved Stock Price Prediction by Integrating Data Mining Algorithms and Technical Indicators: A Case Study on Dhaka Stock Exchange. Lecture Notes in Computer Science, 2017, , 288-297.	1.3	3
63	Bangla News Summarization. Lecture Notes in Computer Science, 2017, , 479-488.	1.3	2
64	Analyzing patterns of numerously occurring heart diseases using association rule mining. , 2017, , .		4
65	An intelligent system to predict academic performance based on different factors during adolescence. Journal of Information and Telecommunication, 2017, 1, 155-175.	2.8	10
66	Critical condition classification of patients from ICCDR,B hospital surveillance data. International Journal of Advanced Intelligence Paradigms, 2017, 9, 347.	0.3	1
67	An adaptive grayscale image de-noising technique by fuzzy inference system. , 2017, , .		9
68	Tourist spot recommendation system using fuzzy inference system. , 2017, , .		2
69	TV series recommendation using fuzzy inference system, K-Means clustering and adaptive neuro fuzzy inference system. , 2017, , .		1
70	Sentiment analysis of bangla microblogs using adaptive neuro fuzzy system. , 2017, , .		8
71	Application of Fuzzy Logic for Adaptive Food Recommendation. International Journal of Fuzzy System Applications, 2017, 6, 110-133.	0.7	2
72	Fuzzy logic-based VM selection strategy for cloud environment. International Journal of Cloud Computing, 2017, 6, 163.	0.3	1

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73	Cluster Analysis, Classification and Forecasting Tool on DS30 for Better Investment Decision. Advances in Intelligent Systems and Computing, 2017, , 197-206.	0.6	1
74	Predicting Early Crop Production by Analysing Prior Environment Factors. Advances in Intelligent Systems and Computing, 2017, , 470-479.	0.6	3
75	Prediction of Academic Performance During Adolescence Based on Socioeconomic, Psychological and Academic Factors. Studies in Computational Intelligence, 2017, , 71-80.	0.9	2
76	A Data Mining Approach to Improve Remittance by Job Placement in Overseas. Lecture Notes in Computer Science, 2017, , 298-306.	1.3	0
77	Movie Recommendation System Based on Fuzzy Inference System and Adaptive Neuro Fuzzy Inference System. , 2017, , 573-608.		0
78	Determining Murder Prone Areas Using Modified Watershed Model. Lecture Notes in Computer Science, 2017, , 307-316.	1.3	1
79	Fuzzy Dynamic Load Balancing in Virtualized Data Centers of SaaS Cloud Provider. , 2017, , 1643-1665.		1
80	Prediction of HSC examination performance using socioeconomic, psychological and academic factors. , 2016, , .		2
81	Application of Fuzzy Logic for Generating Interpretable Pattern for Diabetes Disease in Bangladesh. Advances in Intelligent Systems and Computing, 2016, , 403-413.	0.6	1
82	A personalized music recommender service based on Fuzzy Inference System. , 2016, , .		4
83	VM consolidation approach based on heuristics, fuzzy logic, and migration control. Journal of Cloud Computing: Advances, Systems and Applications, 2016, 5, .	3.9	49
84	Analysis of Optimum Crop Cultivation using Fuzzy System. , 2016, , .		12
85	Adaptive food suggestion engine by fuzzy logic. , 2016, , .		4
86	Risk assessment of the top five malignancies among males and females with respect to occupation, educational status and smoking habits. , 2016, , .		0
87	Detection of Dengue Epidemic in Dhaka, Bangladesh by a Neuro Fuzzy Approach. Studies in Computational Intelligence, 2016, , 165-174.	0.9	1
88	Association Rule Mining and Audio Signal Processing for Music Discovery and Recommendation. International Journal of Software Innovation, 2016, 4, 71-87.	0.4	8
89	Localized twitter opinion mining using sentiment analysis. Decision Analytics, 2015, 2, .	1.4	48
90	Sign Language Recognition for Bengali Characters. International Journal of Fuzzy System Applications, 2015, 4, 1-14.	0.7	1

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91	Mining ICDDR, B Hospital Surveillance Data and Exhibiting Strategies for Balancing Large Unbalanced Datasets. International Journal of Healthcare Information Systems and Informatics, 2015, 10, 39-66.	0.9	2
92	Movie Recommendation System Based on Fuzzy Inference System and Adaptive Neuro Fuzzy Inference System. International Journal of Fuzzy System Applications, 2015, 4, 31-69.	0.7	3
93	Implementation and performance analysis of various VM placement strategies in CloudSim. Journal of Cloud Computing: Advances, Systems and Applications, 2015, 4, .	3.9	60
94	Study and performance analysis of various VM placement strategies. , 2015, , .		16
95	Implementation of modified overload detection technique with VM selection strategies based on heuristics and migration control. , 2015, , .		16
96	Analysis and classification of respiratory health risks with respect to air pollution levels. , 2015, , .		3
97	Clustered based VM placement strategies. , 2015, , .		7
98	Applying data mining techniques to predict annual yield of major crops and recommend planting different crops in different districts in Bangladesh. , 2015, , .		28
99	Data mining techniques to analyze the reason for home birth in Bangladesh. , 2015, , .		2
100	A personalized music discovery service based on data mining. , 2015, , .		1
101	Investigation of localized sentiment for a given product by analyzing tweets. , 2015, , .		2
102	Fuzzy Logic Based Energy Aware VM Consolidation. Lecture Notes in Computer Science, 2015, , 31-38.	1.3	7
103	Fuzzy Dynamic Load Balancing in Virtualized Data Centers of SaaS Cloud Provider. International Journal of Fuzzy System Applications, 2015, 4, 50-71.	0.7	2
104	Application of Data Mining Techniques on Library Circulation Data for Library Material Acquisition and Budget Allocation. Advances in Business Information Systems and Analytics Book Series, 2015, , 334-354.	0.4	1
105	Mining ICDDR, B Hospital Surveillance Data Using Locally Linear Embedding Based SMOTE Algorithm and Multilayer Perceptron. Lecture Notes in Computer Science, 2015, , 398-407.	1.3	0
106	Workload Prediction on Google Cluster Trace. International Journal of Grid and High Performance Computing, 2014, 6, 34-52.	0.9	9
107	Application of association rule mining for replication in scientific data grid. , 2014, , .		1
108	Study of different forecasting models on Google cluster trace. , 2014, , .		6

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109	Energy-aware VM consolidation approach using combination of heuristics and migration control. , 2014, , .		5
110	Universal database access layer to facilitate query. , 2014, , .		3
111	Application of data mining tools for rice yield prediction on clustered regions of Bangladesh. , 2014, , .		6
112	Machine Learning Facilitated Rice Prediction in Bangladesh. , 2014, , .		14
113	Budget allocation model for the academic library acquisition using data mining technique. , 2014, , .		1
114	Mining Bug Database for Detecting Potential Areas of Bug Occurrence. , 2014, , .		0
115	A fuzzy based recommendation system with collaborative filtering. , 2014, , .		6
116	Content based news recommendation system based on fuzzy logic. , 2014, , .		13
117	Task shape classification and workload characterization of google cluster trace. , 2014, , .		17
118	Diagnosis of kidney disease using fuzzy expert system. , 2014, , .		15
119	Data mining approaches to predict final grade by overcoming class imbalance problem. , 2014, , .		18
120	Churn analysis: Predicting churners. , 2014, , .		6
121	A fuzzy neuro approach to identify diarrhea epidemic in Bangladesh. , 2014, , .		2
122	Fuzzy rule-based hand gesture recognition for bengali characters. , 2014, , .		10
123	Prediction of stock price based on hidden Markov model and nearest neighbour algorithm. International Journal of Information and Decision Sciences, 2014, 6, 262.	0.1	3
124	Fuzzy logic based dynamic load balancing in virtualized data centers. , 2013, , .		20
125	Spatio-temporal patterns in climate and hydrologic features. , 2013, , .		0
126	Bangla printed word recognition using histogram based approach and fuzzy logic. , 2013, , .		0

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127	Bibliomining on North South University library data. , 2013, , .		1
128	Temperature mining using spatio-temporal based neuro system. , 2013, , .		0
129	Speed and direction based fuzzy handover system. , 2013, , .		14
130	A data mining based spam detection system for YouTube. , 2013, , .		13
131	Comparative study of ANFIS and ARIMA model for weather forecasting in Dhaka. , 2013, , .		19
132	Bangla User Adaptive Word Speech Recognition. International Journal of Fuzzy System Applications, 2013, 3, 1-36.	0.7	11
133	CAPM Indexed Hybrid E-Negotiation for Resource Allocation in Grid Computing. International Journal of Grid and High Performance Computing, 2013, 5, 72-91.	0.9	1
134	CAPMAuction: Reputation indexed auction model for resource allocation in Grid computing. , 2012, , .		2
135	Clustering XML Elements for Efficient Code Generation. , 2011, , .		0
136	Neural network and regression based processor load prediction for efficient scaling of Grid and Cloud resources. , 2011, , .		13
137	Algorithms to predict opening price and trading decision of stocks in Dhaka Stock Exchange. , 2011, , .		1
138	Global and Local Spatial Data Mining on Literacy Rates of Bangladesh. , 2011, , .		0
139	Mining biomedical data from hypertext documents. , 2011, , .		0
140	Using and comparing different decision tree classification techniques for mining ICDDR,B Hospital Surveillance data. Expert Systems With Applications, 2011, 38, 11421-11436.	7.6	39
141	Implementation and Performance Analysis of Fuzzy Replica Replacement Algorithm in Data Grid. Studies in Computational Intelligence, 2011, , 95-110.	0.9	2
142	Performance Analysis of Sequential and Parallel Neural Network Algorithm for Stock Price Forecasting. International Journal of Grid and High Performance Computing, 2011, 3, 45-68.	0.9	4
143	Stock Trading Rule Discovery based on temporal data mining. , 2010, , .		3
144	Spatial data mining on literacy rates and educational establishments in Bangladesh. , 2010, , .		0

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145	Decision Tree Based Routine Generation (DRG) Algorithm: A Data Mining Advancement to Generate Academic Routine and Exam-time Tabling for Open Credit System. Journal of Computers, 2010, 5, .	0.4	1
146	Performance evaluation of different replica placement algorithms. International Journal of Grid and Utility Computing, 2009, 1, 121.	0.2	12
147	Replica Placement Strategies in Data Grid. Journal of Grid Computing, 2008, 6, 103-123.	3.9	43
148	Replica selection strategies in data grid. Journal of Parallel and Distributed Computing, 2008, 68, 1561-1574.	4.1	46
149	A Predictive Technique for Replica Selection in Grid Environment. , 2007, , .		15
150	Effective Dynamic Replica Maintenance Algorithm for the Grid Environment. Lecture Notes in Computer Science, 2006, , 336-345.	1.3	7
151	Replica selection in grid environment. , 2005, , .		17
152	Replica Placement in Data Grid: A Multi-objective Approach. Lecture Notes in Computer Science, 2005, , 645-656.	1.3	7
153	Deep learning based question answering system in Bengali. Journal of Information and Telecommunication, 0, , 1-34.	2.8	15
154	Label noise tolerance of deep semantic segmentation networks for extracting buildings in ultra-high-resolution aerial images of semi-built environments. Geocarto International, 0, , 1-18.	3.5	1
155	Bangla User Adaptive Word Speech Recognition. , 0, , 937-969.		0
156	Integration of fuzzy logic in the SEIRD compartmental model for the analysis of intervention and transmission heterogeneity on SARS-CoV-2 transmission dynamics. International Journal of Modern Physics C, 0, , .	1.7	0