

# Iqbal H Sarker

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8014176/iqbal-h-sarker-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96  
papers

1,311  
citations

20  
h-index

34  
g-index

109  
ext. papers

2,332  
ext. citations

3  
avg, IF

6.77  
L-index

#	Paper	IF	Citations
96	Machine Learning: Algorithms, Real-World Applications and Research Directions. <i>SN Computer Science</i> , <b>2021</b> , 2, 160	2	230
95	Cybersecurity data science: an overview from machine learning perspective. <i>Journal of Big Data</i> , <b>2020</b> , 7,	11.7	86
94	Effectiveness analysis of machine learning classification models for predicting personalized context-aware smartphone usage. <i>Journal of Big Data</i> , <b>2019</b> , 6,	11.7	75
93	Deep Learning: A Comprehensive Overview on Techniques, Taxonomy, Applications and Research Directions. <i>SN Computer Science</i> , <b>2021</b> , 2, 420	2	71
92	IntruDTree: A Machine Learning Based Cyber Security Intrusion Detection Model. <i>Symmetry</i> , <b>2020</b> , 12, 754	2.7	63
91	A machine learning based robust prediction model for real-life mobile phone data. <i>Internet of Things (Netherlands)</i> , <b>2019</b> , 5, 180-193	6.9	51
90	Individualized Time-Series Segmentation for Mining Mobile Phone User Behavior. <i>Computer Journal</i> , <b>2018</b> , 61, 349-368	1.3	48
89	Context-aware rule learning from smartphone data: survey, challenges and future directions. <i>Journal of Big Data</i> , <b>2019</b> , 6,	11.7	42
88	BehavDT: A Behavioral Decision Tree Learning to Build User-Centric Context-Aware Predictive Model. <i>Mobile Networks and Applications</i> , <b>2020</b> , 25, 1151-1161	2.9	38
87	Mobile Data Science and Intelligent Apps: Concepts, AI-Based Modeling and Research Directions. <i>Mobile Networks and Applications</i> , <b>2021</b> , 26, 285-303	2.9	33
86	Performance Analysis of Machine Learning Techniques to Predict Diabetes Mellitus <b>2019</b> ,		31
85	ABC-RuleMiner: User behavioral rule-based machine learning method for context-aware intelligent services. <i>Journal of Network and Computer Applications</i> , <b>2020</b> , 168, 102762	7.9	30
84	RecencyMiner: mining recency-based personalized behavior from contextual smartphone data. <i>Journal of Big Data</i> , <b>2019</b> , 6,	11.7	28
83	Deep Cybersecurity: A Comprehensive Overview from Neural Network and Deep Learning Perspective. <i>SN Computer Science</i> , <b>2021</b> , 2, 1	2	27
82	Cyber Intrusion Detection Using Machine Learning Classification Techniques. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 121-131	0.3	26
81	A Survey of Context-Aware Access Control Mechanisms for Cloud and Fog Networks: Taxonomy and Open Research Issues. <i>Sensors</i> , <b>2020</b> , 20,	3.8	23
80	ContextPCA: Predicting Context-Aware Smartphone Apps Usage Based On Machine Learning Techniques. <i>Symmetry</i> , <b>2020</b> , 12, 499	2.7	23

79	CyberLearning: Effectiveness analysis of machine learning security modeling to detect cyber-anomalies and multi-attacks. <i>Internet of Things (Netherlands)</i> , <b>2021</b> , 14, 100393	6.9	22
78	AppsPred: Predicting context-aware smartphone apps using random forest learning. <i>Internet of Things (Netherlands)</i> , <b>2019</b> , 8, 100106	6.9	21
77	Phone call log as a context source to modeling individual user behavior <b>2016</b> ,		20
76	Data Science and Analytics: An Overview from Data-Driven Smart Computing, Decision-Making and Applications Perspective. <i>SN Computer Science</i> , <b>2021</b> , 2, 377	2	19
75	AquaVision: Automating the detection of waste in water bodies using deep transfer learning. <i>Case Studies in Chemical and Environmental Engineering</i> , <b>2020</b> , 2, 100026	7.5	18
74	. <i>IEEE Transactions on Artificial Intelligence</i> , <b>2020</b> , 1, 258-270	4.7	16
73	AI-Driven Cybersecurity: An Overview, Security Intelligence Modeling and Research Directions. <i>SN Computer Science</i> , <b>2021</b> , 2, 1	2	16
72	AI-Based Modeling: Techniques, Applications and Research Issues Towards Automation, Intelligent and Smart Systems.. <i>SN Computer Science</i> , <b>2022</b> , 3, 158	2	15
71	Mining User Behavioral Rules from Smartphone Data Through Association Analysis. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 450-461	0.9	14
70	Crime Prediction Using Spatio-Temporal Data. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 277-289	0.3	12
69	Behavior-Oriented Time Segmentation for Mining Individualized Rules of Mobile Phone Users <b>2016</b> ,		12
68	Detecting Suspicious Texts Using Machine Learning Techniques. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 6527	2.6	11
67	MVC Architecture Driven Design and Implementation of Java Framework for Developing Desktop Application. <i>International Journal of Hybrid Information Technology</i> , <b>2014</b> , 7, 317-322		10
66	Internet of Things (IoT) Security Intelligence: A Comprehensive Overview, Machine Learning Solutions and Research Directions. <i>Mobile Networks and Applications</i> ,1	2.9	10
65	Research issues in mining user behavioral rules for context-aware intelligent mobile applications. <i>Iran Journal of Computer Science</i> , <b>2019</b> , 2, 41-51	1.9	9
64	An Improved Naive Bayes Classifier-Based Noise Detection Technique for Classifying User Phone Call Behavior. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 72-85	0.3	8
63	A Rule-Based Expert System to Assess Coronary Artery Disease Under Uncertainty. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 143-159	0.3	8
62	Bengali text document categorization based on very deep convolution neural network. <i>Expert Systems With Applications</i> , <b>2021</b> , 184, 115394	7.8	8

61	CalBehav: A Machine Learning-Based Personalized Calendar Behavioral Model Using Time-Series Smartphone Data. <i>Computer Journal</i> , <b>2020</b> , 63, 1109-1123	1.3	7
60	Data Science and Analytics: An Overview from Data-Driven Smart Computing, Decision-Making and Applications Perspective		7
59	BehavMiner: Mining User Behaviors from Mobile Phone Data for Personalized Services <b>2018</b> ,		7
58	An Approach to Modeling Call Response Behavior on Mobile Phones Based on Multi-Dimensional Contexts <b>2017</b> ,		6
57	A Data-Driven Heart Disease Prediction Model Through K-Means Clustering-Based Anomaly Detection. <i>SN Computer Science</i> , <b>2021</b> , 2, 1	2	6
56	Understanding recency-based behavior model for individual mobile phone users <b>2017</b> ,		5
55	A Survey of Software Development Process Models in Software Engineering. <i>International Journal of Software Engineering and Its Applications</i> , <b>2015</b> , 9, 55-70	0.1	5
54	Context pre-modeling: an empirical analysis for classification based user-centric context-aware predictive modeling. <i>Journal of Big Data</i> , <b>2020</b> , 7,	11.7	5
53	IntruDTree: A Machine Learning-Based Cyber Security Intrusion Detection Model		5
52	Adverse effects of COVID-19 vaccination: machine learning and statistical approach to identify and classify incidences of morbidity and post-vaccination reactogenicity		5
51	Smart City Data Science: Towards data-driven smart cities with open research issues. <i>Internet of Things (Netherlands)</i> , <b>2022</b> , 100528	6.9	5
50	Evidence-Based Behavioral Model for Calendar Schedules of Individual Mobile Phone Users <b>2016</b> ,		4
49	An effective call prediction model based on noisy mobile phone data <b>2017</b> ,		3
48	Identifying Recent Behavioral Data Length in Mobile Phone Log <b>2017</b> ,		3
47	Designing architecture of a rule-based system for managing phone call interruptions <b>2017</b> ,		3
46	AI-Based Modeling: Techniques, Applications and Research Issues Towards Automation, Intelligent and Smart Systems		3
45	Rice Leaf Diseases Recognition Using Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 299-314	0.9	3
44	A New Audio Watermarking Method Based on Discrete Cosine Transform with a Gray Image. <i>International Journal of Computer Science and Information Technology</i> , <b>2012</b> , 4, 119-128	0.6	3

43	E-MIIM: an ensemble-learning-based context-aware mobile telephony model for intelligent interruption management. <i>AI and Society</i> , <b>2020</b> , 35, 459-467	2.1	3
42	AI-Driven Cybersecurity: An Overview, Security Intelligence Modeling and Research Directions		3
41	Text Classification Using Convolution Neural Networks with FastText Embedding. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 103-113	0.4	3
40	SentiLSTM: A Deep Learning Approach for Sentiment Analysis of Restaurant Reviews. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 193-203	0.4	3
39	Deep Cybersecurity: A Comprehensive Overview from Neural Network and Deep Learning Perspective		3
38	Authorship Classification in a Resource Constraint Language Using Convolutional Neural Networks. <i>IEEE Access</i> , <b>2021</b> , 9, 100319-100338	3.5	3
37	Cybersecurity Data Science: An Overview from Machine Learning Perspective		2
36	An Effective Heart Disease Prediction Model based on Machine Learning Techniques		2
35	Mobile Expert System: Exploring Context-Aware Machine Learning Rules for Personalized Decision-Making in Mobile Applications. <i>Symmetry</i> , <b>2021</b> , 13, 1975	2.7	2
34	Understanding individuals phone call behavior for calendar events <b>2016</b> ,		2
33	Predicting how you respond to phone calls <b>2016</b> ,		2
32	Towards POS Tagging Methods for Bengali Language: A Comparative Analysis. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 1111-1123	0.4	2
31	An Efficient K-Means Clustering Algorithm for Analysing COVID-19. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 422-432	0.4	2
30	Spam Filtering of Mobile SMS Using CNN-LSTM Based Deep Learning Model. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 106-116	0.5	2
29	Modeling Hybrid Feature-Based Phishing Websites Detection Using Machine Learning Techniques. <i>Annals of Data Science</i> ,1	1.6	2
28	iMedMS: An IoT Based Intelligent Medication Monitoring System for Elderly Healthcare. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 302-313	0.5	1
27	. <i>IEEE Access</i> , <b>2021</b> , 9, 54435-54456	3.5	1
26	Active Vision-Based Attention Monitoring System for Non-Distracted Driving. <i>IEEE Access</i> , <b>2021</b> , 9, 28540-28557	3.3	1

25	Predicting Individual Substance Abuse Vulnerability Using Machine Learning Techniques. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 412-421	0.4	1
24	Attribute Driven Temporal Active Online Community Search. <i>IEEE Access</i> , <b>2021</b> , 9, 93976-93989	3.5	1
23	Transfer learning with fine-tuned deep CNN ResNet50 model for classifying COVID-19 from chest X-ray images.. <i>Informatics in Medicine Unlocked</i> , <b>2022</b> , 30, 100916	5.3	1
22	CARAN: A Context-Aware Recency Based Attention Network for Point-of-interest Recommendation. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	1
21	BEmoC: A Corpus for Identifying Emotion in Bengali Texts.. <i>SN Computer Science</i> , <b>2022</b> , 3, 135	2	0
20	Detecting Smishing Attacks Using Feature Extraction and Classification Techniques. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2022</b> , 677-689	0.4	0
19	Word Embedding based Textual Semantic Similarity Measure in Bengali. <i>Procedia Computer Science</i> , <b>2021</b> , 193, 92-101	1.6	0
18	An Isolation Forest Learning Based Outlier Detection Approach for Effectively Classifying Cyber Anomalies. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 270-279	0.4	0
17	A Machine Learning Model for Predicting Individual Substance Abuse with Associated Risk-Factors. <i>Annals of Data Science</i> , 1	1.6	0
16	COVID-19 analytics: Towards the effect of vaccine brands through analyzing public sentiment of tweets. <i>Informatics in Medicine Unlocked</i> , <b>2022</b> , 31, 100969	5.3	0
15	Mining individualized context-dependent behavioral rules from smartphone data. <i>Journal of Ambient Intelligence and Smart Environments</i> , <b>2019</b> , 11, 369-370	2.2	
14	Application Scenarios and Basic Structure for Context-Aware Machine Learning Framework <b>2021</b> , 15-22		
13	Contextual Mobile Datasets, Pre-processing and Feature Selection <b>2021</b> , 59-73		
12	Automatic Malware Categorization Based on K-Means Clustering Technique. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2022</b> , 653-664	0.4	
11	InterPlanetary File System-Based Decentralized and Secured Electronic Health Record System Using Lightweight Algorithm. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2022</b> , 691-702	0.4	
10	Context-Aware Rule-Based Expert System Modeling <b>2021</b> , 129-136		
9	Deep Learning for Contextual Mobile Data Analytics <b>2021</b> , 137-146		
8	Introduction to Context-Aware Machine Learning and Mobile Data Analytics <b>2021</b> , 3-13		

- 7 Context-Aware Machine Learning System: Applications and Challenging Issues **2021**, 147-157
- 6 Recency-Based Updating and Dynamic Management of Contextual Rules **2021**, 113-125
- 5 A Literature Review on Context-Aware Machine Learning and Mobile Data Analytics **2021**, 23-56
- 4 Discretization of Time-Series Behavioral Data and Rule Generation based on Temporal Context **2021**, 75-92
- 3 Discovering User Behavioral Rules Based on Multi-Dimensional Contexts **2021**, 93-111
- 2 An Effective Heart Disease Prediction Model Based on Machine Learning Techniques. *Advances in Intelligent Systems and Computing*, **2021**, 280-288 0.4
- 1 Mobile Deep Learning: Exploring Deep Neural Network for Predicting Context-Aware Smartphone Usage. *SN Computer Science*, **2021**, 2, 1 2