

# Muhammad Ashad Kabir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5649465/publications.pdf>

Version: 2024-02-01

79  
papers

1,187  
citations

686830

13  
h-index

525886

27  
g-index

88  
all docs

88  
docs citations

88  
times ranked

799  
citing authors

#	ARTICLE	IF	CITATIONS
1	Depression detection from social network data using machine learning techniques. Health Information Science and Systems, 2018, 6, 8.	3.4	227
2	Blockchain Versus Database: A Critical Analysis. , 2018, , .		76
3	PDCOVIDNet: a parallel-dilated convolutional neural network architecture for detecting COVID-19 from chest X-ray images. Health Information Science and Systems, 2020, 8, 27.	3.4	64
4	Individualized Time-Series Segmentation for Mining Mobile Phone User Behavior. Computer Journal, 2018, 61, 349-368.	1.5	63
5	Investigating Smart Home Security: Is Blockchain the Answer?. IEEE Access, 2020, 8, 117802-117816.	2.6	55
6	Machine learning for detecting COVID-19 from cough sounds: An ensemble-based MCDM method. Computers in Biology and Medicine, 2022, 145, 105405.	3.9	49
7	Blockchain as a Notarization Service for Data Sharing with Personal Data Store. , 2018, , .		44
8	Detecting autism spectrum disorder using machine learning techniques. Health Information Science and Systems, 2021, 9, 17.	3.4	38
9	HDSKG: Harvesting domain specific knowledge graph from content of webpages. , 2017, , .		34
10	ECOVNet: a highly effective ensemble based deep learning model for detecting COVID-19. PeerJ Computer Science, 2021, 7, e551.	2.7	34
11	A novel quick seizure detection and localization through brain data mining on ECoG dataset. Neural Computing and Applications, 2019, 31, 5595-5608.	3.2	33
12	User-centric social context information management: an ontology-based approach and platform. Personal and Ubiquitous Computing, 2014, 18, 1061-1083.	1.9	29
13	Differences in Health News from Reliable and Unreliable Media. , 2019, , .		28
14	Phone call log as a context source to modeling individual user behavior. , 2016, , .		25
15	Blockchain for Fraud Prevention: A Work-History Fraud Prevention System. , 2018, , .		25
16	Hexagonal photonic crystal Fiber (H-PCF) based optical sensor with high relative sensitivity and low confinement loss for terahertz (THz) regime. Sensing and Bio-Sensing Research, 2020, 30, 100377.	2.2	22
17	Opposition-Based Quantum Bat Algorithm to Eliminate Lower-Order Harmonics of Multilevel Inverters. IEEE Access, 2021, 9, 103610-103626.	2.6	20
18	Modeling and Coordinating Social Interactions in Pervasive Environments. , 2011, , .		16

#	ARTICLE	IF	CITATIONS
19	Encryption Based Image Watermarking Algorithm in 2DWT-DCT Domains. <i>Sensors</i> , 2021, 21, 5540.	2.1	15
20	The Anonymity of the Dark Web: A Survey. <i>IEEE Access</i> , 2022, 10, 33628-33660.	2.6	15
21	Behavior-Oriented Time Segmentation for Mining Individualized Rules of Mobile Phone Users. , 2016, , .		14
22	Leveraging Official Content and Social Context to Recommend Software Documentation. <i>IEEE Transactions on Services Computing</i> , 2021, 14, 472-486.	3.2	14
23	Mobile Apps for Foot Measurement in Pedorthic Practice: Scoping Review. <i>JMIR MHealth and UHealth</i> , 2021, 9, e24202.	1.8	12
24	SCIMS: A Social Context Information Management System for Socially-Aware Applications. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2012, , 301-317.	0.2	12
25	Analyzing Performance of Classification Techniques in Detecting Epileptic Seizure. <i>Lecture Notes in Computer Science</i> , 2017, , 386-398.	1.0	11
26	SocioTelematics: Harnessing social interaction-relationships in developing automotive applications. <i>Pervasive and Mobile Computing</i> , 2014, 14, 129-146.	2.1	10
27	Automatically Assessing Quality of Online Health Articles. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 591-601.	3.9	10
28	Impacts of COVID-19 on the Education, Life and Mental Health of Students in Bangladesh. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 785.	1.2	10
29	A Policy Framework for Subject-Driven Data Sharing. , 2018, , .		9
30	Modeling, managing and reasoning about social contexts for socially-aware applications. , 2013, , .		8
31	An Approach to Modeling Call Response Behavior on Mobile Phones Based on Multi-Dimensional Contexts. , 2017, , .		7
32	Understanding the Social Determinants of Mental Health of Undergraduate Students in Bangladesh: Interview Study. <i>JMIR Formative Research</i> , 2021, 5, e27114.	0.7	7
33	Purdah, Amanah, and Gheebat: Understanding Privacy in Bangladeshi "pious" Muslim Communities. , 2021, , .		7
34	MHIVis: Visual Analytics for Exploring Mental Illness of Policyholders in Life Insurance Industry. , 2020, , .		7
35	Designing architecture of a rule-based system for managing phone call interruptions. , 2017, , .		6
36	Augmented Reality in Education: A Study on Preschool Children, Parents, and Teachers in Bangladesh. <i>Lecture Notes in Computer Science</i> , 2019, , 217-229.	1.0	6

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37	Designing and Evaluating Multimodal Interactions for Facilitating Visual Analysis With Dashboards. IEEE Access, 2021, 9, 60-71.	2.6	6
38	Learn2Write: Augmented Reality and Machine Learning-Based Mobile App to Learn Writing. Computers, 2022, 11, 4.	2.1	6
39	Reader level filtering for efficient query processing in RFID middleware. Journal of Network and Computer Applications, 2015, 48, 58-70.	5.8	5
40	Evidence-Based Behavioral Model for Calendar Schedules of Individual Mobile Phone Users. , 2016, , .		5
41	Understanding recency-based behavior model for individual mobile phone users. , 2017, , .		5
42	Mining accurate message formats for service APIs. , 2018, , .		5
43	Sports Highlights Generation using Decomposed Audio Information. , 2019, , .		5
44	SpecMiner: Heuristic-based mining of service behavioral models from interaction traces. Future Generation Computer Systems, 2021, 117, 59-71.	4.9	5
45	Mental Health and Sensing. Intelligent Systems Reference Library, 2021, , 247-260.	1.0	5
46	SocioTelematics: Leveraging Interaction-Relationships in Developing Telematics Systems to Support Cooperative Convoys. , 2012, , .		4
47	Inferring User Situations from Interaction Events in Social Media. Computer Journal, 2015, 58, 2026-2043.	1.5	4
48	An effective call prediction model based on noisy mobile phone data. , 2017, , .		4
49	Identifying Recent Behavioral Data Length in Mobile Phone Log. , 2017, , .		4
50	Video summarization using line segments, angles and conic parts. PLoS ONE, 2017, 12, e0181636.	1.1	4
51	Analyzing the Impact of Demographic Variables on Spreading and Forecasting COVID-19. Journal of Healthcare Informatics Research, 2022, 6, 72-90.	5.3	4
52	A Surrogate Assisted Quantum-Behaved Algorithm for Well Placement Optimization. IEEE Access, 2022, 10, 17828-17844.	2.6	4
53	Legal and ethical aspects of deploying artificial intelligence in climate-smart agriculture. AI and Society, 2024, 39, 221-234.	3.1	4
54	SocioPlatform: A Platform for Social Context-Aware Applications. , 2014, , 291-308.		3

#	ARTICLE	IF	CITATIONS
55	A survey of machine learning techniques for detecting and diagnosing COVID-19 from imaging. Quantitative Biology, 2022, 10, 188-207.	0.3	3
56	â€˜ShishuShurokkhaâ€™™: A Transformative Justice Approach for Combating Child Sexual Abuse in Bangladesh. , 2022, , .		3
57	Understanding individuals phone call behavior for calendar events. , 2016, , .		2
58	Predicting how you respond to phone calls. , 2016, , .		2
59	Process Patterns: Reusable Design Artifacts for Business Process Models. , 2017, , .		2
60	FoodCalorie: A Mobile Game to Learn Daily Calorie Intake Standard. International Journal of Game-Based Learning, 2021, 11, 61-81.	0.9	2
61	SCaaS: A Platform for Managing Adaptation in Collaborative Pervasive Applications. Lecture Notes in Computer Science, 2013, , 149-166.	1.0	2
62	ExTraVis: Exploration of Traffic Incidents Using a Visual Interactive System. , 2021, , .		2
63	An Approach to Query Decomposition for Reader Level Filtering in RFID Middleware. , 2010, , .		1
64	Social Context as a Service: Managing Adaptation in Collaborative Pervasive Applications. International Journal of Cooperative Information Systems, 2015, 24, 1540001.	0.6	1
65	A system architecture for subject-centric data sharing. , 2018, , .		1
66	MIVA: Multimodal Interactions for Facilitating Visual Analysis with Multiple Coordinated Views. , 2020, , .		1
67	A Large-Scale Analysis of Health Journalism by Reliable and Unreliable Media. Studies in Health Technology and Informatics, 2019, 264, 93-97.	0.2	1
68	Detecting Child Autism Using Classification Techniques. Studies in Health Technology and Informatics, 2019, 264, 1447-1448.	0.2	1
69	Engineering Socially-Aware Systems and Applications. , 2016, , .		0
70	Social Context Modelling. , 2016, , 49-71.		0
71	Pervasive Social Computing. , 2016, , .		0
72	Continuous Authorization in Subject-Driven Data Sharing Using Wearable Devices. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
73	Alcohol Behaviour Change: Lessons Learned from User Reviews of iTunes Apps. Lecture Notes in Computer Science, 2016, , 99-109.	1.0	0
74	Ontological Reasoning About Situations from Calendar Events. Lecture Notes in Computer Science, 2016, , 810-826.	1.0	0
75	SocioPlatform Architecture and Implementation. , 2016, , 133-166.		0
76	Case Studies: Social Context-Aware Mobile Applications. , 2016, , 167-194.		0
77	BenAV: a Bengali Audio-Visual Corpus for Visual Speech Recognition. Lecture Notes in Computer Science, 2021, , 526-535.	1.0	0
78	Inferring data model from service interactions for response generation in service virtualization. Information and Software Technology, 2022, 145, 106803.	3.0	0
79	Extracting Formats of Service Messages with Varying Payloads. ACM Transactions on Internet Technology, 2022, 22, 1-31.	3.0	0