# Muhammad Ashad Kabir

List of Publications by Year
in descending order

| 79 papers | 1,187 citations | 687220 13 h-index | 526166 27 g-index |
|---|---|---|---|
| 88 all docs | 88 docs citations | 88 times ranked | 799 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Legal and ethical aspects of deploying artificial intelligence in climate-smart agriculture. AI and Society, 2024, 39, 221-234. | 3.1 | 4 |
| 2 | Analyzing the Impact of Demographic Variables on Spreading and Forecasting COVID-19. Journal of Healthcare Informatics Research, 2022, 6, 72-90. | 5.3 | 4 |
| 3 | A survey of machine learning techniques for detecting and diagnosing COVID‑19 from imaging. Quantitative Biology, 2022, 10, 188-207. | 0.3 | 3 |
| 4 | Impacts of COVID-19 on the Education, Life and Mental Health of Students in Bangladesh. International Journal of Environmental Research and Public Health, 2022, 19, 785. | 1.2 | 10 |
| 5 | A Surrogate Assisted Quantum-Behaved Algorithm for Well Placement Optimization. IEEE Access, 2022, 10, 17828-17844. | 2.6 | 4 |
| 6 | Inferring data model from service interactions for response generation in service virtualization. Information and Software Technology, 2022, 145, 106803. | 3.0 | 0 |
| 7 | Extracting Formats of Service Messages with Varying Payloads. ACM Transactions on Internet Technology, 2022, 22, 1-31. | 3.0 | 0 |
| 8 | The Anonymity of the Dark Web: A Survey. IEEE Access, 2022, 10, 33628-33660. | 2.6 | 15 |
| 9 | 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 |
| 10 | Learn2Write: Augmented Reality and Machine Learning-Based Mobile App to Learn Writing. Computers, 2022, 11, 4. | 2.1 | 6 |
| 11 | â€˜ShishuShurokkhaâ€™: A Transformative Justice Approach for Combating Child Sexual Abuse in Bangladesh. , 2022, , . | | 3 |
| 12 | Leveraging Official Content and Social Context to Recommend Software Documentation. IEEE Transactions on Services Computing, 2021, 14, 472-486. | 3.2 | 14 |
| 13 | Automatically Assessing Quality of Online Health Articles. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 591-601. | 3.9 | 10 |
| 14 | Opposition-Based Quantum Bat Algorithm to Eliminate Lower-Order Harmonics of Multilevel Inverters. IEEE Access, 2021, 9, 103610-103626. | 2.6 | 20 |
| 15 | Understanding the Social Determinants of Mental Health of Undergraduate Students in Bangladesh: Interview Study. JMIR Formative Research, 2021, 5, e27114. | 0.7 | 7 |
| 16 | Designing and Evaluating Multimodal Interactions for Facilitating Visual Analysis With Dashboards. IEEE Access, 2021, 9, 60-71. | 2.6 | 6 |
| 17 | Mobile Apps for Foot Measurement in Pedorthic Practice: Scoping Review. JMIR MHealth and UHealth, 2021, 9, e24202. | 1.8 | 12 |
| 18 | FoodCalorie: A Mobile Game to Learn Daily Calorie Intake Standard. International Journal of Game-Based Learning, 2021, 11, 61-81. | 0.9 | 2 |

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|---|---------|-----|-----------|
| 19 | Detecting autism spectrum disorder using machine learning techniques. Health Information Science and Systems, 2021, 9, 17. | 3.4 | 38 |
| 20 | SpecMiner: Heuristic-based mining of service behavioral models from interaction traces. Future Generation Computer Systems, 2021, 117, 59-71. | 4.9 | 5 |
| 21 | ECOVNet: a highly effective ensemble based deep learning model for detecting COVID-19. PeerJ Computer Science, 2021, 7, e551. | 2.7 | 34 |
| 22 | Purdah, Amanah, and Gheebat: Understanding Privacy in Bangladeshi â€œpiousâ€•Muslim Communities. , 2021, , . | | 7 |
| 23 | Encryption Based Image Watermarking Algorithm in 2DWT-DCT Domains. Sensors, 2021, 21, 5540. | 2.1 | 15 |
| 24 | ExTraVis: Exploration of Traffic Incidents Using a Visual Interactive System. , 2021, , . | | 2 |
| 25 | Mental Health and Sensing. Intelligent Systems Reference Library, 2021, , 247-260. | 1.0 | 5 |
| 26 | BenAV: aÂBengali Audio-Visual Corpus forÂVisual Speech Recognition. Lecture Notes in Computer Science, 2021, , 526-535. | 1.0 | 0 |
| 27 | 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 |
| 28 | 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 |
| 29 | Investigating Smart Home Security: Is Blockchain the Answer?. IEEE Access, 2020, 8, 117802-117816. | 2.6 | 55 |
| 30 | MHIVis: Visual Analytics for Exploring Mental Illness of Policyholders in Life Insurance Industry. , 2020, , . | | 7 |
| 31 | MIVA: Multimodal Interactions for Facilitating Visual Analysis with Multiple Coordinated Views. , 2020, , . | | 1 |
| 32 | Augmented Reality in Education: A Study on Preschool Children, Parents, and Teachers in Bangladesh. Lecture Notes in Computer Science, 2019, , 217-229. | 1.0 | 6 |
| 33 | Sports Highlights Generation using Decomposed Audio Information. , 2019, , . | | 5 |
| 34 | Differences in Health News from Reliable and Unreliable Media. , 2019, , . | | 28 |
| 35 | Continuous Authorization in Subject-Driven Data Sharing Using Wearable Devices. , 2019, , . | | 0 |
| 36 | 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 |

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|---|---------|-----|-----------|
| 37 | 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 |
| 38 | Detecting Child Autism Using Classification Techniques. Studies in Health Technology and Informatics, 2019, 264, 1447-1448. | 0.2 | 1 |
| 39 | Individualized Time-Series Segmentation for Mining Mobile Phone User Behavior. Computer Journal, 2018, 61, 349-368. | 1.5 | 63 |
| 40 | Mining accurate message formats for service APIs. , 2018, , . | | 5 |
| 41 | A system architecture for subject-centric data sharing. , 2018, , . | | 1 |
| 42 | Blockchain as a Notarization Service for Data Sharing with Personal Data Store. , 2018, , . | | 44 |
| 43 | Blockchain Versus Database: A Critical Analysis. , 2018, , . | | 76 |
| 44 | Blockchain for Fraud Prevention: A Work-History Fraud Prevention System. , 2018, , . | | 25 |
| 45 | Depression detection from social network data using machine learning techniques. Health Information Science and Systems, 2018, 6, 8. | 3.4 | 227 |
| 46 | A Policy Framework for Subject-Driven Data Sharing. , 2018, , . | | 9 |
| 47 | HDSKG: Harvesting domain specific knowledge graph from content of webpages. , 2017, , . | | 34 |
| 48 | An effective call prediction model based on noisy mobile phone data. , 2017, , . | | 4 |
| 49 | Process Patterns: Reusable Design Artifacts for Business Process Models. , 2017, , . | | 2 |
| 50 | An Approach to Modeling Call Response Behavior on Mobile Phones Based on Multi-Dimensional Contexts. , 2017, , . | | 7 |
| 51 | Understanding recency-based behavior model for individual mobile phone users. , 2017, , . | | 5 |
| 52 | Analyzing Performance of Classification Techniques in Detecting Epileptic Seizure. Lecture Notes in Computer Science, 2017, , 386-398. | 1.0 | 11 |
| 53 | Identifying Recent Behavioral Data Length in Mobile Phone Log. , 2017, , . | | 4 |
| 54 | Designing architecture of a rule-based system for managing phone call interruptions. , 2017, , . | | 6 |

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|---|---------|----|-----------|
| 55 | Video summarization using line segments, angles and conic parts. PLoS ONE, 2017, 12, e0181636. | 1.1 | 4 |
| 56 | Understanding individuals phone call behavior for calendar events. , 2016, , . | | 2 |
| 57 | Engineering Socially-Aware Systems and Applications. , 2016, , . | | 0 |
| 58 | Behavior-Oriented Time Segmentation for Mining Individualized Rules of Mobile Phone Users. , 2016, , . | | 14 |
| 59 | Evidence-Based Behavioral Model for Calendar Schedules of Individual Mobile Phone Users. , 2016, , . | | 5 |
| 60 | Predicting how you respond to phone calls. , 2016, , . | | 2 |
| 61 | Social Context Modelling. , 2016, , 49-71. | | 0 |
| 62 | Pervasive Social Computing. , 2016, , . | | 0 |
| 63 | Phone call log as a context source to modeling individual user behavior. , 2016, , . | | 25 |
| 64 | Alcohol Behaviour Change: Lessons Learned from User Reviews of iTunes Apps. Lecture Notes in Computer Science, 2016, , 99-109. | 1.0 | 0 |
| 65 | Ontological Reasoning About Situations fromÂCalendar Events. Lecture Notes in Computer Science, 2016, , 810-826. | 1.0 | 0 |
| 66 | SocioPlatform Architecture and Implementation. , 2016, , 133-166. | | 0 |
| 67 | Case Studies: Social Context-Aware Mobile Applications. , 2016, , 167-194. | | 0 |
| 68 | Inferring User Situations from Interaction Events in Social Media. Computer Journal, 2015, 58, 2026-2043. | 1.5 | 4 |
| 69 | Social Context as a Service: Managing Adaptation in Collaborative Pervasive Applications. International Journal of Cooperative Information Systems, 2015, 24, 1540001. | 0.6 | 1 |
| 70 | Reader level filtering for efficient query processing in RFID middleware. Journal of Network and Computer Applications, 2015, 48, 58-70. | 5.8 | 5 |
| 71 | SocioTelematics: Harnessing social interaction-relationships in developing automotive applications. Pervasive and Mobile Computing, 2014, 14, 129-146. | 2.1 | 10 |
| 72 | User-centric social context information management: an ontology-based approach and platform. Personal and Ubiquitous Computing, 2014, 18, 1061-1083. | 1.9 | 29 |

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|---|---------|----|-----------|
| 73 | SocioPlatform: A Platform for Social Context-Aware Applications. , 2014, , 291-308. | | 3 |
| 74 | Modeling, managing and reasoning about social contexts for socially-aware applications. , 2013, , . | | 8 |
| 75 | SCaaS: A Platform for Managing Adaptation in Collaborative Pervasive Applications. Lecture Notes in Computer Science, 2013, , 149-166. | 1.0 | 2 |
| 76 | SocioTelematics: Leveraging Interaction-Relationships in Developing Telematics Systems to Support Cooperative Convoys. , 2012, , . | | 4 |
| 77 | SCIMS: A Social Context Information Management System for Socially-Aware Applications. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2012, , 301-317. | 0.2 | 12 |
| 78 | Modeling and Coordinating Social Interactions in Pervasive Environments. , 2011, , . | | 16 |
| 79 | An Approach to Query Decomposition for Reader Level Filtering in RFID Middleware. , 2010, , . | | 1 |