

M Z A Bhuiyan

List of Publications by Year in descending order

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79
papers

4,046
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125106

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docs citations

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times ranked

4471
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative Location-Sensing Network Based on Vehicular Communication Security Against Attacks. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 942-952.	4.7	1
2	AntiConcealer: Reliable Detection of Adversary Concealed Behaviors in EdgeAI-Assisted IoT. IEEE Internet of Things Journal, 2022, 9, 22184-22193.	5.5	16
3	Trustworthy Target Tracking With Collaborative Deep Reinforcement Learning in EdgeAI-Aided IoT. IEEE Transactions on Industrial Informatics, 2022, 18, 1301-1309.	7.2	36
4	Privacy-Preserving Federated Depression Detection From Multisource Mobile Health Data. IEEE Transactions on Industrial Informatics, 2022, 18, 4788-4797.	7.2	32
5	A Blockchain-Based Machine Learning Framework for Edge Services in IIoT. IEEE Transactions on Industrial Informatics, 2022, 18, 1918-1929.	7.2	58
6	Adaptive Computation Offloading With Edge for 5G-Envisioned Internet of Connected Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5213-5222.	4.7	101
7	Trust-Aware Service Offloading for Video Surveillance in Edge Computing Enabled Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1787-1796.	4.7	72
8	Solving Coupling Security Problem for Sustainable Sensor-Cloud Systems Based on Fog Computing. IEEE Transactions on Sustainable Computing, 2021, 6, 43-53.	2.2	10
9	Integrating Blockchain With Artificial Intelligence for Privacy-Preserving Recommender Systems. IEEE Transactions on Network Science and Engineering, 2021, 8, 1009-1018.	4.1	34
10	Secure Service Offloading for Internet of Vehicles in SDN-Enabled Mobile Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3720-3729.	4.7	70
11	Multiagent Deep Reinforcement Learning for Vehicular Computation Offloading in IoT. IEEE Internet of Things Journal, 2021, 8, 9763-9773.	5.5	98
12	A reliable deep learning-based algorithm design for IoT load identification in smart grid. Ad Hoc Networks, 2021, 123, 102643.	3.4	16
13	Secure Verifiable Database Supporting Efficient Dynamic Operations in Cloud Computing. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 280-290.	3.2	26
14	Event Detection Through Differential Pattern Mining in Cyber-Physical Systems. IEEE Transactions on Big Data, 2020, 6, 652-665.	4.4	14
15	A novel trust mechanism based on Fog Computing in Sensor-Cloud System. Future Generation Computer Systems, 2020, 109, 573-582.	4.9	97
16	An incentive-based protection and recovery strategy for secure big data in social networks. Information Sciences, 2020, 508, 79-91.	4.0	62
17	MDMaaS: Medical-Assisted Diagnosis Model as a Service With Artificial Intelligence and Trust. IEEE Transactions on Industrial Informatics, 2020, 16, 2102-2114.	7.2	17
18	TrustData: Trustworthy and Secured Data Collection for Event Detection in Industrial Cyber-Physical System. IEEE Transactions on Industrial Informatics, 2020, 16, 3311-3321.	7.2	60

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19	Hybrid Deep Neural Networks for Friend Recommendations in Edge Computing Environment. IEEE Access, 2020, 8, 10693-10706.	2.6	17
20	Accountable Cross-Border Data Sharing Using Blockchain Under Relaxed Trust Assumption. IEEE Transactions on Engineering Management, 2020, 67, 1476-1486.	2.4	29
21	Preserving Balance Between Privacy and Data Integrity in Edge-Assisted Internet of Things. IEEE Internet of Things Journal, 2020, 7, 2679-2689.	5.5	89
22	Toward Wi-Fi Halow Signal Coverage Modeling in Collapsed Structures. IEEE Internet of Things Journal, 2020, 7, 2181-2196.	5.5	5
23	A Novel Load Balancing and Low Response Delay Framework for Edge-Cloud Network Based on SDN. IEEE Internet of Things Journal, 2020, 7, 5922-5933.	5.5	77
24	A Survey on Behavioral Pattern Mining From Sensor Data in Internet of Things. IEEE Access, 2020, 8, 33318-33341.	2.6	14
25	Edge-Computing-Based Trustworthy Data Collection Model in the Internet of Things. IEEE Internet of Things Journal, 2020, 7, 4218-4227.	5.5	97
26	Spatial temporal incidence dynamic graph neural networks for traffic flow forecasting. Information Sciences, 2020, 521, 277-290.	4.0	205
27	Towards Recommendation in Internet of Things: An Uncertainty Perspective. IEEE Access, 2020, 8, 12057-12068.	2.6	3
28	Guest Editorial: Trustworthiness in Industrial Internet of Things Systems and Applications. IEEE Transactions on Industrial Informatics, 2020, 16, 6079-6082.	7.2	9
29	DependData: Data collection dependability through three-layer decision-making in BSNs for healthcare monitoring. Information Fusion, 2020, 62, 32-46.	11.7	10
30	Secured Data Collection With Hardware-Based Ciphers for IoT-Based Healthcare. IEEE Internet of Things Journal, 2019, 6, 410-420.	5.5	135
31	Interactive Learning Experience-Driven Smart Communications Networks for Cognitive Load Management in Grammar Learning Context. IEEE Access, 2019, 7, 64545-64557.	2.6	14
32	Unbalanced Multistage Heat Conduction and Mass Diffusion Algorithm in an Educational Digital Library. IEEE Access, 2019, 7, 147302-147313.	2.6	4
33	Wi-Fi frequency selection concept for effective wi coverage in collapsed structures. Future Generation Computer Systems, 2019, 97, 409-424.	4.9	13
34	Economic perspective analysis of protecting big data security and privacy. Future Generation Computer Systems, 2019, 98, 660-671.	4.9	45
35	Fuzzy sliding mode control of servo control system based on variable speeding approach rate. Soft Computing, 2019, 23, 13477-13487.	2.1	10
36	Towards Debris Information Analysis and Abstraction for Wi-Fi Radar Edge in Collapsed Structures. IEEE Access, 2019, 7, 168075-168090.	2.6	2

#	ARTICLE	IF	CITATIONS
37	A Secure IoT Service Architecture With an Efficient Balance Dynamics Based on Cloud and Edge Computing. IEEE Internet of Things Journal, 2019, 6, 4831-4843.	5.5	184
38	Fog-Based Computing and Storage Offloading for Data Synchronization in IoT. IEEE Internet of Things Journal, 2019, 6, 4272-4282.	5.5	119
39	Privacy-friendly platform for healthcare data in cloud based on blockchain environment. Future Generation Computer Systems, 2019, 95, 511-521.	4.9	261
40	Sustainable and Efficient Data Collection from WSNs to Cloud. IEEE Transactions on Sustainable Computing, 2019, 4, 252-262.	2.2	48
41	Protected Bidding Against Compromised Information Injection in IoT-Based Smart Grid. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 78-84.	0.2	2
42	Reliable Decision Making of Accepting Friend Request on Online Social Networks. IEEE Access, 2018, 6, 9484-9491.	2.6	17
43	A Robust ECC-Based Provable Secure Authentication Protocol With Privacy Preserving for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2018, 14, 3599-3609.	7.2	285
44	Energy-efficient relay tracking with multiple mobile camera sensors. Computer Networks, 2018, 133, 130-140.	3.2	15
45	A connection probability model for communications networks under regional failures. International Journal of Critical Infrastructure Protection, 2018, 20, 16-25.	2.9	6
46	Fog-based storage technology to fight with cyber threat. Future Generation Computer Systems, 2018, 83, 208-218.	4.9	73
47	An effective copyright-protected content delivery scheme for P2P file sharing networks. International Journal of Communication Systems, 2018, 31, e3476.	1.6	3
48	L-CAQ: Joint link-oriented channel-availability and channel-quality based channel selection for mobile cognitive radio networks. Journal of Network and Computer Applications, 2018, 113, 26-35.	5.8	15
49	Nearest neighbor search with locally weighted linear regression for heartbeat classification. Soft Computing, 2018, 22, 1225-1236.	2.1	11
50	Hardware design and modeling of lightweight block ciphers for secure communications. Future Generation Computer Systems, 2018, 83, 510-521.	4.9	38
51	Incremental term representation learning for social network analysis. Future Generation Computer Systems, 2018, 86, 1503-1512.	4.9	18
52	Gait-based Human identification using acoustic sensor and deep neural network. Future Generation Computer Systems, 2018, 86, 1228-1237.	4.9	31
53	HotML: A DSM-based machine learning system for social networks. Journal of Computational Science, 2018, 26, 478-487.	1.5	6
54	Improving risk assessment model of cyber security using fuzzy logic inference system. Computers and Security, 2018, 74, 323-339.	4.0	50

#	ARTICLE	IF	CITATIONS
55	A Provably Secure Three-Factor Session Initiation Protocol for Multimedia Big Data Communications. IEEE Internet of Things Journal, 2018, 5, 3408-3418.	5.5	35
56	Provably Secure Identity-Based Signcryption Scheme for Crowdsourced Industrial Internet of Things Environments. IEEE Internet of Things Journal, 2018, 5, 2904-2914.	5.5	111
57	Key-aggregate authentication cryptosystem for data sharing in dynamic cloud storage. Future Generation Computer Systems, 2018, 84, 190-199.	4.9	40
58	Investigation on Unauthorized Human Activity Watching Through Leveraging Wi-Fi Signals. Lecture Notes in Computer Science, 2018, , 511-521.	1.0	3
59	A novel fuzzy deep-learning approach to traffic flow prediction with uncertain spatial-temporal data features. Future Generation Computer Systems, 2018, 89, 78-88.	4.9	106
60	Collab-SAR: A Collaborative Avalanche Search-and-Rescue Missions Exploiting Hostile Alpine Networks. IEEE Access, 2018, 6, 42094-42107.	2.6	21
61	Secure beamforming for cognitive cyber-physical systems based on cognitive radio with wireless energy harvesting. Ad Hoc Networks, 2018, 81, 174-182.	3.4	11
62	A Dual Privacy Preserving Scheme in Continuous Location-Based Services. IEEE Internet of Things Journal, 2018, 5, 4191-4200.	5.5	123
63	An intelligent/cognitive model of task scheduling for IoT applications in cloud computing environment. Future Generation Computer Systems, 2018, 88, 254-261.	4.9	93
64	SafeDrive: Online Driving Anomaly Detection From Large-Scale Vehicle Data. IEEE Transactions on Industrial Informatics, 2017, 13, 2087-2096.	7.2	94
65	Quality-Guaranteed Event-Sensitive Data Collection and Monitoring in Vibration Sensor Networks. IEEE Transactions on Industrial Informatics, 2017, 13, 572-583.	7.2	37
66	PB-MII: replacing static RSUs with public buses-based mobile intermediary infrastructure in urban VANET-based clouds. Cluster Computing, 2017, 20, 2231-2252.	3.5	9
67	Trajectory Privacy Preservation Based on a Fog Structure for Cloud Location Services. IEEE Access, 2017, 5, 7692-7701.	2.6	87
68	e-Sampling. ACM Transactions on Autonomous and Adaptive Systems, 2017, 12, 1-29.	0.4	74
69	Interoperable localization for mobile group users. Computer Communications, 2017, 105, 53-65.	3.1	3
70	Privacy-friendly secure bidding for smart grid demand-response. Information Sciences, 2017, 379, 229-240.	4.0	32
71	A privacy preserving framework for RFID based healthcare systems. Future Generation Computer Systems, 2017, 72, 339-352.	4.9	74
72	Hypergraph partitioning for social networks based on information entropy modularity. Journal of Network and Computer Applications, 2017, 86, 59-71.	5.8	44

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73	Unsupervised learning of indoor localization based on received signal strength. <i>Wireless Communications and Mobile Computing</i> , 2016, 16, 2225-2237.	0.8	17
74	Sensing and Decision Making in Cyber-Physical Systems: The Case of Structural Event Monitoring. <i>IEEE Transactions on Industrial Informatics</i> , 2016, 12, 2103-2114.	7.2	74
75	Shared-node IoT network architecture with ubiquitous homomorphic encryption for healthcare monitoring. <i>International Journal of Embedded Systems</i> , 2015, 7, 43.	0.2	16
76	Auction-based adaptive sensor activation algorithm for target tracking in wireless sensor networks. <i>Future Generation Computer Systems</i> , 2014, 39, 88-99.	4.9	73
77	Prediction-based energy-efficient target tracking protocol in wireless sensor networks. <i>Central South University</i> , 2010, 17, 340-348.	0.5	31
78	Target Tracking with Monitor and Backup Sensors in Wireless Sensor Networks. , 2009, , .		24
79	Molecular cloning and expression in <i>Escherichia coli</i> of bleomycin-resistance gene from a methicillin-resistant <i>Staphylococcus aureus</i> and its association with IS431 <i>mec</i> . <i>Applied Microbiology and Biotechnology</i> , 1995, 43, 65-69.	1.7	14