

M Z A Bhuiyan

List of Publications by Citations

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

78
papers

2,582
citations

30
h-index

49
g-index

81
ext. papers

3,333
ext. citations

6.3
avg, IF

6
L-index

#	Paper	IF	Citations
78	A Robust ECC-Based Provable Secure Authentication Protocol With Privacy Preserving for Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3599-3609	11.9	203
77	Privacy-friendly platform for healthcare data in cloud based on blockchain environment. <i>Future Generation Computer Systems</i> , 2019 , 95, 511-521	7.5	162
76	A Secure IoT Service Architecture With an Efficient Balance Dynamics Based on Cloud and Edge Computing. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4831-4843	10.7	135
75	A Dual Privacy Preserving Scheme in Continuous Location-Based Services. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 4191-4200	10.7	95
74	Fog-Based Computing and Storage Offloading for Data Synchronization in IoT. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4272-4282	10.7	89
73	. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 410-420	10.7	79
72	Spatial temporal incidence dynamic graph neural networks for traffic flow forecasting. <i>Information Sciences</i> , 2020 , 521, 277-290	7.7	76
71	A novel fuzzy deep-learning approach to traffic flow prediction with uncertain spatial-temporal data features. <i>Future Generation Computer Systems</i> , 2018 , 89, 78-88	7.5	70
70	Trajectory Privacy Preservation Based on a Fog Structure for Cloud Location Services. <i>IEEE Access</i> , 2017 , 5, 7692-7701	3.5	69
69	Provably Secure Identity-Based Signcryption Scheme for Crowdsourced Industrial Internet of Things Environments. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 2904-2914	10.7	69
68	e-Sampling. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , 2017 , 12, 1-29	1.2	66
67	Fog-based storage technology to fight with cyber threat. <i>Future Generation Computer Systems</i> , 2018 , 83, 208-218	7.5	66
66	Adaptive Computation Offloading With Edge for 5G-Envisioned Internet of Connected Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-10	6.1	65
65	A novel trust mechanism based on Fog Computing in Sensor-Cloud System. <i>Future Generation Computer Systems</i> , 2020 , 109, 573-582	7.5	62
64	. <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 2103-2114	11.9	59
63	A privacy preserving framework for RFID based healthcare systems. <i>Future Generation Computer Systems</i> , 2017 , 72, 339-352	7.5	59
62	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 5922-5933	10.7	59

61	Auction-based adaptive sensor activation algorithm for target tracking in wireless sensor networks. <i>Future Generation Computer Systems</i> , 2014 , 39, 88-99	7.5	58
60	An intelligent/cognitive model of task scheduling for IoT applications in cloud computing environment. <i>Future Generation Computer Systems</i> , 2018 , 88, 254-261	7.5	57
59	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4218-4227	10.7	54
58	. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 2087-2096	11.9	51
57	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 2679-2689	10.7	51
56	Trust-Aware Service Offloading for Video Surveillance in Edge Computing Enabled Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 1787-1796	6.1	41
55	TrustData: Trustworthy and Secured Data Collection for Event Detection in Industrial Cyber-Physical System. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3311-3321	11.9	40
54	An incentive-based protection and recovery strategy for secure big data in social networks. <i>Information Sciences</i> , 2020 , 508, 79-91	7.7	40
53	Sustainable and Efficient Data Collection from WSNs to Cloud. <i>IEEE Transactions on Sustainable Computing</i> , 2019 , 4, 252-262	3.5	39
52	Multiagent Deep Reinforcement Learning for Vehicular Computation Offloading in IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9763-9773	10.7	37
51	Secure Service Offloading for Internet of Vehicles in SDN-Enabled Mobile Edge Computing. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3720-3729	6.1	34
50	Improving risk assessment model of cyber security using fuzzy logic inference system. <i>Computers and Security</i> , 2018 , 74, 323-339	4.9	32
49	. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 572-583	11.9	31
48	Hypergraph partitioning for social networks based on information entropy modularity. <i>Journal of Network and Computer Applications</i> , 2017 , 86, 59-71	7.9	30
47	Hardware design and modeling of lightweight block ciphers for secure communications. <i>Future Generation Computer Systems</i> , 2018 , 83, 510-521	7.5	26
46	Privacy-friendly secure bidding for smart grid demand-response. <i>Information Sciences</i> , 2017 , 379, 229-240.	7.7	25
45	A Provably Secure Three-Factor Session Initiation Protocol for Multimedia Big Data Communications. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 3408-3418	10.7	24
44	Prediction-based energy-efficient target tracking protocol in wireless sensor networks. <i>Central South University</i> , 2010 , 17, 340-348		24

43	Key-aggregate authentication cryptosystem for data sharing in dynamic cloud storage. <i>Future Generation Computer Systems</i> , 2018 , 84, 190-199	7.5	24
42	Economic perspective analysis of protecting big data security and privacy. <i>Future Generation Computer Systems</i> , 2019 , 98, 660-671	7.5	23
41	Gait-based Human identification using acoustic sensor and deep neural network. <i>Future Generation Computer Systems</i> , 2018 , 86, 1228-1237	7.5	22
40	A Blockchain-Based Machine Learning Framework for Edge Services in IIoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	20
39	Secure Verifiable Database Supporting Efficient Dynamic Operations in Cloud Computing. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020 , 8, 280-290	4.1	19
38	Trustworthy Target Tracking with Collaborative Deep Reinforcement Learning in EdgeAI-Aided IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	19
37	Target Tracking with Monitor and Backup Sensors in Wireless Sensor Networks 2009 ,		17
36	. <i>IEEE Access</i> , 2018 , 6, 9484-9491	3.5	15
35	Incremental term representation learning for social network analysis. <i>Future Generation Computer Systems</i> , 2018 , 86, 1503-1512	7.5	14
34	Molecular cloning and expression in Escherichia coli of bleomycin-resistance gene from a methicillin-resistant Staphylococcus aureus and its association with IS431 mec. <i>Applied Microbiology and Biotechnology</i> , 1995 , 43, 65-9	5.7	13
33	L-CAQ: Joint link-oriented channel-availability and channel-quality based channel selection for mobile cognitive radio networks. <i>Journal of Network and Computer Applications</i> , 2018 , 113, 26-35	7.9	12
32	. <i>IEEE Access</i> , 2018 , 6, 42094-42107	3.5	12
31	Shared-node IoT network architecture with ubiquitous homomorphic encryption for healthcare monitoring. <i>International Journal of Embedded Systems</i> , 2015 , 7, 43	0.5	12
30	Unsupervised learning of indoor localization based on received signal strength. <i>Wireless Communications and Mobile Computing</i> , 2016 , 16, 2225-2237	1.9	12
29	Energy-efficient relay tracking with multiple mobile camera sensors. <i>Computer Networks</i> , 2018 , 133, 130-140	5.4	11
28	Integrating Blockchain With Artificial Intelligence for Privacy-Preserving Recommender Systems. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1009-1018	4.9	11
27	Secure beamforming for cognitive cyber-physical systems based on cognitive radio with wireless energy harvesting. <i>Ad Hoc Networks</i> , 2018 , 81, 174-182	4.8	9
26	Accountable Cross-Border Data Sharing Using Blockchain Under Relaxed Trust Assumption. <i>IEEE Transactions on Engineering Management</i> , 2020 , 67, 1476-1486	2.6	9

25	Wi-Fi frequency selection concept for effective coverage in collapsed structures. <i>Future Generation Computer Systems</i> , 2019 , 97, 409-424	7.5	8
24	Fuzzy sliding mode control of servo control system based on variable speeding approach rate. <i>Soft Computing</i> , 2019 , 23, 13477-13487	3.5	8
23	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2102-2114	11.9	8
22	AntiConcealer: Reliable Detection of Adversary Concealed Behaviors in EdgeAI Assisted IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	8
21	Nearest neighbor search with locally weighted linear regression for heartbeat classification. <i>Soft Computing</i> , 2018 , 22, 1225-1236	3.5	7
20	Hybrid Deep Neural Networks for Friend Recommendations in Edge Computing Environment. <i>IEEE Access</i> , 2020 , 8, 10693-10706	3.5	7
19	PB-MII: replacing static RSUs with public buses-based mobile intermediary infrastructure in urban VANET-based clouds. <i>Cluster Computing</i> , 2017 , 20, 2231-2252	2.1	6
18	Interactive Learning Experience-Driven Smart Communications Networks for Cognitive Load Management in Grammar Learning Context. <i>IEEE Access</i> , 2019 , 7, 64545-64557	3.5	6
17	Privacy-Preserving Federated Depression Detection from Multi-Source Mobile Health Data. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	6
16	. <i>IEEE Access</i> , 2020 , 8, 33318-33341	3.5	5
15	A connection probability model for communications networks under regional failures. <i>International Journal of Critical Infrastructure Protection</i> , 2018 , 20, 16-25	4.1	5
14	Event Detection Through Differential Pattern Mining in Cyber-Physical Systems. <i>IEEE Transactions on Big Data</i> , 2020 , 6, 652-665	3.2	5
13	DependData: Data collection dependability through three-layer decision-making in BSNs for healthcare monitoring. <i>Information Fusion</i> , 2020 , 62, 32-46	16.7	5
12	A reliable deep learning-based algorithm design for IoT load identification in smart grid. <i>Ad Hoc Networks</i> , 2021 , 123, 102643	4.8	5
11	Solving Coupling Security Problem for Sustainable Sensor-Cloud Systems Based on Fog Computing. <i>IEEE Transactions on Sustainable Computing</i> , 2021 , 6, 43-53	3.5	4
10	Interoperable localization for mobile group users. <i>Computer Communications</i> , 2017 , 105, 53-65	5.1	3
9	HotML: A DSM-based machine learning system for social networks. <i>Journal of Computational Science</i> , 2018 , 26, 478-487	3.4	3
8	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 2181-2196	10.7	3

7	Towards Recommendation in Internet of Things: An Uncertainty Perspective. <i>IEEE Access</i> , 2020 , 8, 120573-120682	3.5	2
6	. <i>IEEE Access</i> , 2019 , 7, 147302-147313	3.5	2
5	Protected Bidding Against Compromised Information Injection in IoT-Based Smart Grid. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019 , 78-84	0.2	2
4	Investigation on Unauthorized Human Activity Watching Through Leveraging Wi-Fi Signals. <i>Lecture Notes in Computer Science</i> , 2018 , 511-521	0.9	2
3	An effective copyright-protected content delivery scheme for P2P file sharing networks. <i>International Journal of Communication Systems</i> , 2018 , 31, e3476	1.7	1
2	Cooperative Location-Sensing Network Based on Vehicular Communication Security Against Attacks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-11	6.1	0
1	. <i>IEEE Access</i> , 2019 , 7, 168075-168090	3.5	