Md Arafatur Rahman

List of Publications by Year
in descending order

46 papers	909 citations	706676 14 h-index	685536 24 g-index
48 all docs	48 docs citations	48 times ranked	1112 citing authors

#	Article	IF	Citations
1	EduChain: CIA-Compliant Blockchain for Intelligent Cyber Defense of Microservices in Education Industry 4.0. IEEE Transactions on Industrial Informatics, 2022, 18, 1930-1938.	7.2	13
2	A Secure and Intelligent Framework for Vehicle Health Monitoring Exploiting Big-Data Analytics. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19727-19742.	4.7	8
3	A Secure and Sustainable Framework to Mitigate Hazardous Activities in Online Social Networks. IEEE Transactions on Sustainable Computing, 2021, 6, 30-42.	2.2	4
4	Effective combining of feature selection techniques for machine learning-enabled IoT intrusion detection. Multimedia Tools and Applications, 2021, 80, 31381-31399.	2.6	26
5	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
6	Vehicle Type Classification Using an Enhanced Sparse-Filtered Convolutional Neural Network With Layer-Skipping Strategy. IEEE Access, 2020, 8, 14265-14277.	2.6	18
7	MATT: A Mobile Assisted Tense Tool for Flexible m-Grammar Learning Based on Cloud-Fog-Edge Collaborative Networking. IEEE Access, 2020, 8, 66074-66084.	2.6	5
8	Smart Routing Management Framework Exploiting Dynamic Data Resources of Cross-Layer Design and Machine Learning Approaches for Mobile Cognitive Radio Networks: A Survey. IEEE Access, 2020, 8, 67835-67867.	2.6	14
9	IEEE Access Special Section Editorial: Cloud-Fog-Edge Computing in Cyber–Physical–Social Systems (CPSS). IEEE Access, 2020, 8, 222859-222864.	2.6	2
10	Interactive Learning Experience-Driven Smart Communications Networks for Cognitive Load Management in Grammar Learning Context. IEEE Access, 2019, 7, 64545-64557.	2.6	14
11	A Cyber-Enabled Mission-Critical System for Post-Flood Response: Exploiting TV White Space as Network Backhaul Links. IEEE Access, 2019, 7, 100318-100331.	2.6	19
12	The Emergence of Internet of Things (IoT): Connecting Anything, Anywhere. Computers, 2019, 8, 40.	2.1	45
13	Evaluation of the Likelihood of Friend Request Acceptance in Online Social Networks. IEEE Access, 2019, 7, 75318-75329.	2.6	3
14	Immune Genetic Algorithm Optimization and Integration of Logistics Network Terminal Resources. , 2019, , .		7
15	Traveling distance estimation to mitigate unnecessary handoff in mobile wireless networks. Annales Des Telecommunications/Annals of Telecommunications, 2019, 74, 717-726.	1.6	7
16	Economic perspective analysis of protecting big data security and privacy. Future Generation Computer Systems, 2019, 98, 660-671.	4.9	45
17	Reliable Decision Making of Accepting Friend Request on Online Social Networks. IEEE Access, 2018, 6, 9484-9491.	2.6	17
18	PrivacyProtector: Privacy-Protected Patient Data Collection in IoT-Based Healthcare Systems. , 2018, 56, 163-168.		187

#	Article	IF	Citations
19	A connection probability model for communications networks under regional failures. International Journal of Critical Infrastructure Protection, 2018, 20, 16-25.	2.9	6
20	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
21	Big Data Reduction for a Smart City's Critical Infrastructural Health Monitoring. IEEE Communications Magazine, 2018, 56, 128-133.	4.9	107
22	Performance Evaluation of History-Based and Priority-Based MAC for Traffic-Differentiated Intra-Vehicular Network. , 2018, , .		3
23	Collab-SAR: A Collaborative Avalanche Search-and-Rescue Missions Exploiting Hostile Alpine Networks. IEEE Access, 2018, 6, 42094-42107.	2.6	21
24	VAP code: A secure graphical password for smart devices. Computers and Electrical Engineering, 2017, 59, 99-109.	3.0	15
25	Crowd Associated Network: Exploiting over a Smart Garbage Management System. , 2017, 55, 186-192.		13
26	Content-Centric Event-Insensitive Big Data Reduction in Internet of Things. , 2017, , .		14
27	A performance investigation on IoT enabled intra-vehicular wireless sensor networks. International Journal of Automotive and Mechanical Engineering, 2017, 14, 3970-3984.	0.5	24
28	Comparative Investigation on CSMA/CA-Based MAC Protocols for Scalable Networks. , 2016, , .		3
29	Raising fairness issue of vehicle routing problem. , 2016, , .		0
30	RFID-based tracing for wine supply chain. International Journal of Communication Networks and Distributed Systems, 2016, 16, 48.	0.3	2
31	A Store-and-Delivery Based MAC Protocol for Air-Ground Collaborative Wireless Networks for Precision Agriculture. , 2015, , .		3
32	Design a technique for minimizing unnecessary handoff in mobile wireless networks. , 2015, , .		4
33	Automated secure room system. , 2015, , .		1
34	On mitigating hop-to-hop congestion problem in IoT enabled Intra-Vehicular communication. , 2015, , .		11
35	Channel availability for mobile cognitive radio networks. Journal of Network and Computer Applications, 2015, 47, 131-136.	5.8	44
36	E-D2CARP: A joint path and spectrum diversity based routing protocol with an optimized path selection for cognitive radio ad hoc networks. , 2014, , .		8

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37	Reliability Analysis of ZigBee Based Intra-Vehicle Wireless Sensor Networks. Lecture Notes in Computer Science, 2014, , 103-112.	1.0	14
38	Enabling drone communications with WiMAX Technology. , 2014, , .		28
39	Joint path and spectrum diversity in cognitive radio ad-hoc networks. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	37
40	A Simulation Based Performance Analysis of Reactive Routing Protocols in Wireless Mesh Networks. , 2009, , .		9
41	Intergating Multiple Metrics to Improve the Performance of a Routing Protocol over Wireless Mesh Networks. , 2009, , .		6
42	Rain fade and it's effect analysis for earth-to-satellite microwave link based on measured rainfall statistics in Bangladesh. , 2009, , .		4
43	Design of smart card for automated toll collection at Jamuna Multipurpose Bridge in Bangladesh. , 2008, , .		2
44	Performance investigation of earth-to-satellite microwave link due to rain fade in Bangladesh. , 2008, , .		1
45	Rain fade analysis on earth-space microwave link in a subtropical region. , 2008, , .		4
46	A simple and effective technique for human verification with Hand Geometry. , 2008, , .		12