Fazlullah Khan

List of Publications by Year
in descending order

53 papers	1,225 citations	430442 18 h-index	395343 33 g-index
54 all docs	54 docs citations	54 times ranked	947 citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Survey on Machine Learning-Based Big Data Analytics for IoT-Enabled Smart Healthcare System. Mobile Networks and Applications, 2021, 26, 234-252.	2.2	171
2	A Secured Framework for SDN-Based Edge Computing in IoT-Enabled Healthcare System. IEEE Access, 2020, 8, 135479-135490.	2.6	91
3	Intelligent Dynamic Malware Detection using Machine Learning in IP Reputation for Forensics Data Analytics. Future Generation Computer Systems, 2021, 118, 124-141.	4.9	84
4	A payload-based mutual authentication scheme for Internet of Things. Future Generation Computer Systems, 2019, 92, 1028-1039.	4.9	71
5	Mobile crowdsensing: A survey on privacy-preservation, task management, assignment models, and incentives mechanisms. Future Generation Computer Systems, 2019, 100, 456-472.	4.9	65
6	Urban data management system: Towards Big Data analytics for Internet of Things based smart urban environment using customized Hadoop. Future Generation Computer Systems, 2019, 96, 398-409.	4.9	60
7	Lightweight Mutual Authentication and Privacy-Preservation Scheme for Intelligent Wearable Devices in Industrial-CPS. IEEE Transactions on Industrial Informatics, 2021, 17, 5829-5839.	7.2	57
8	SmartEdge: An end-to-end encryption framework for an edge-enabled smart city application. Journal of Network and Computer Applications, 2019, 137, 1-10.	5.8	45
9	A Secured and Intelligent Communication Scheme for IIoT-enabled Pervasive Edge Computing. IEEE Transactions on Industrial Informatics, 2021, 17, 5128-5137.	7.2	42
10	Impact of Residual Hardware Impairment on the IoT Secrecy Performance of RIS-Assisted NOMA Networks. IEEE Access, 2021, 9, 42583-42592.	2.6	40
11	Security and blockchain convergence with Internet of Multimedia Things: Current trends, research challenges and future directions. Journal of Network and Computer Applications, 2021, 175, 102918.	5.8	36
12	Comparative study of spectrum sensing techniques in cognitive radio networks. , 2013, , .		34
13	Performance of Cognitive Radio Sensor Networks Using Hybrid Automatic Repeat ReQuest: Stop-and-Wait. Mobile Networks and Applications, 2018, 23, 479-488.	2.2	26
14	A Secured Data Management Scheme for Smart Societies in Industrial Internet of Things Environment. IEEE Access, 2018, 6, 43088-43099.	2.6	25
15	LightIoT: Lightweight and Secure Communication for Energy-Efficient IoT in Health Informatics. IEEE Transactions on Green Communications and Networking, 2021, 5, 1202-1211.	3.5	24
16	Secure communication and routing architecture in wireless sensor networks. , 2014, , .		23
17	A Secured and Efficient Communication Scheme for Decentralized Cognitive Radio-Based Internet of Vehicles. IEEE Access, 2019, 7, 160889-160900.	2.6	23
18	A Resource-Efficient Hybrid Proxy Mobile IPv6 Extension for Next-Generation IoT Networks. IEEE Internet of Things Journal, 2023, 10, 2095-2103.	5.5	22

#	Article	IF	Citations
19	Mutual Authentication Scheme for the Device-to-Server Communication in the Internet of Medical Things. IEEE Internet of Things Journal, 2021, 8, 15663-15671.	5.5	21
20	Efficient and reliable hybrid deep learning-enabled model for congestion control in 5G/6G networks. Computer Communications, 2022, 182, 31-40.	3.1	21
21	Modeling Dynamic Spatio-Temporal Correlations for Urban Traffic Flows Prediction. IEEE Access, 2021, 9, 26502-26511.	2.6	20
22	An Efficient and Secure Multimessage and Multireceiver Signcryption Scheme for Edge-Enabled Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 2688-2697.	5.5	19
23	A Quality of Service-Aware Secured Communication Scheme for Internet of Things-Based Networks. Sensors, 2019, 19, 4321.	2.1	18
24	Dual head clustering scheme in wireless sensor networks. , 2012, , .		15
25	Efficient Resource Allocation for Real Time Traffic in Cognitive Radio Internet of Things. , 2019, , .		13
26	AF Relaying Secrecy Performance Prediction for 6G Mobile Communication Networks in Industry 5.0. IEEE Transactions on Industrial Informatics, 2022, 18, 5485-5493.	7.2	13
27	Applications, limitations, and improvements in visible light communication systems. , 2015, , .		12
28	A secured and reliable communication scheme in cognitive hybrid ARQ-aided smart city. Computers and Electrical Engineering, 2020, 81, 106502.	3.0	11
29	Artificial intelligence-based load optimization in cognitive Internet of Things. Neural Computing and Applications, 2020, 32, 16179-16189.	3.2	11
30	A Secured and Reliable Continuous Transmission Scheme in Cognitive HARQ-Aided Internet of Things. IEEE Internet of Things Journal, 2021, 8, 14835-14844.	5.5	11
31	Improving Physical Layer Security in Vehicles and Pedestrians Networks With Ambient Backscatter Communication. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9380-9390.	4.7	9
32	A mutual authentication scheme for establishing secure device-to-device communication sessions in the edge-enabled smart cities. Journal of Information Security and Applications, 2021, 58, 102683.	1.8	8
33	Marginal and average weight-enabled data aggregation mechanism for the resource-constrained networks. Computer Communications, 2021, 174, 101-108.	3.1	8
34	Trustworthy and Reliable Deep-Learning-Based Cyberattack Detection in Industrial IoT. IEEE Transactions on Industrial Informatics, 2023, 19, 1030-1038.	7.2	8
35	Fairness and throughput improvement in multihop wireless ad hoc networks. , 2014, , .		7
36	Performance Analysis of Vehicular Adhoc Network Using Different Highway Traffic Scenarios in Cloud Computing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 157-166.	0.2	7

#	Article	IF	Citations
37	Sensor-Cloud Architecture: A Taxonomy of Security Issues in Cloud-Assisted Sensor Networks. IEEE Access, 2021, 9, 89344-89359.	2.6	7
38	Performance Analysis of Transport Protocols for Multimedia Traffic Over Mobile Wi-Max Network Under Nakagami Fading. Advances in Intelligent Systems and Computing, 2018, , 101-110.	0.5	6
39	An Identity-Based Data Integrity Auditing Scheme for Cloud-Based Maritime Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-12.	4.7	6
40	Ontology-based Dynamic and Context-aware Security Assessment Automation for Critical Applications. , 2019, , .		5
41	Identification of Anticancer Peptides Using Optimal Feature Space of Chou's Split Amino Acid Composition and Support Vector Machine. , 2017, , .		4
42	A reliable wireless communication mechanisms and decision support system for the IoT networks. Soft Computing, 2022, 26, 10707-10716.	2.1	4
43	Fairness improvement in long chain multihop wireless ad hoc networks. , 2013, , .		3
44	A Reliable Communication and Load Balancing Scheme for Resource-Limited Networks. IEEE Access, 2020, 8, 179921-179930.	2.6	3
45	Discrimination of Golgi Proteins Through Efficient Exploitation of Hybrid Feature Spaces Coupled With SMOTE and Ensemble of Support Vector Machine. IEEE Access, 2020, 8, 206028-206038.	2.6	3
46	Delay and throughput performance improvement in wireless sensor and actor networks. , 2015, , .		2
47	CoAP-Based Request-Response Interaction Model for the Internet of Things. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 146-156.	0.2	2
48	An effective machine learning-based model for the prediction of protein–protein interaction sites in health systems. Neural Computing and Applications, 2024, 36, 65-75.	3.2	2
49	Computational intelligence-enabled prediction and communication mechanism for IoT-based autonomous systems. ISA Transactions, 2023, 132, 146-154.	3.1	2
50	Performance improvement in wireless sensor and actor networks based on actor repositioning. , 2015, , .		1
51	Performance Investigation of SR-HARQ transmission scheme in realistic Cognitive Radio System. , 2019, , .		1
52	Secure and Safe Surveillance System Using Sensors Networks - Internet of Things. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 167-174.	0.2	1
53	Guest Editorial A Secured and Privacy-Preserved Smart Health Monitoring and Improvement System. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1914-1916.	3.9	0