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	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
2	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
3	Computational intelligence-enabled prediction and communication mechanism for IoT-based autonomous systems. ISA Transactions, 2023, 132, 146-154.	3.1	2
4	Trustworthy and Reliable Deep-Learning-Based Cyberattack Detection in Industrial IoT. IEEE Transactions on Industrial Informatics, 2023, 19, 1030-1038.	7.2	8
5	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
6	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
7	Efficient and reliable hybrid deep learning-enabled model for congestion control in 5G/6G networks. Computer Communications, 2022, 182, 31-40.	3.1	21
8	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
9	A reliable wireless communication mechanisms and decision support system for the IoT networks. Soft Computing, 2022, 26, 10707-10716.	2.1	4
10	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
11	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
12	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
13	Impact of Residual Hardware Impairment on the IoT Secrecy Performance of RIS-Assisted NOMA Networks. IEEE Access, 2021, 9, 42583-42592.	2.6	40
14	Modeling Dynamic Spatio-Temporal Correlations for Urban Traffic Flows Prediction. IEEE Access, 2021, 9, 26502-26511.	2.6	20
15	Sensor-Cloud Architecture: A Taxonomy of Security Issues in Cloud-Assisted Sensor Networks. IEEE Access, 2021, 9, 89344-89359.	2.6	7
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	Marginal and average weight-enabled data aggregation mechanism for the resource-constrained networks. Computer Communications, 2021, 174, 101-108.	3.1	8
21	A Secured and Intelligent Communication Scheme for IIoT-enabled Pervasive Edge Computing. IEEE Transactions on Industrial Informatics, 2021, 17, 5128-5137.	7.2	42
22	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
23	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
24	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
25	A secured and reliable communication scheme in cognitive hybrid ARQ-aided smart city. Computers and Electrical Engineering, 2020, 81, 106502.	3.0	11
26	A Secured Framework for SDN-Based Edge Computing in IoT-Enabled Healthcare System. IEEE Access, 2020, 8, 135479-135490.	2.6	91
27	A Reliable Communication and Load Balancing Scheme for Resource-Limited Networks. IEEE Access, 2020, 8, 179921-179930.	2.6	3
28	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
29	Artificial intelligence-based load optimization in cognitive Internet of Things. Neural Computing and Applications, 2020, 32, 16179-16189.	3.2	11
30	A Quality of Service-Aware Secured Communication Scheme for Internet of Things-Based Networks. Sensors, 2019, 19, 4321.	2.1	18
31	Efficient Resource Allocation for Real Time Traffic in Cognitive Radio Internet of Things. , 2019, , .		13
32	A Secured and Efficient Communication Scheme for Decentralized Cognitive Radio-Based Internet of Vehicles. IEEE Access, 2019, 7, 160889-160900.	2.6	23
33	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
34	Performance Investigation of SR-HARQ transmission scheme in realistic Cognitive Radio System. , 2019, , .		1
35	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
36	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

#	Article	IF	Citations
37	Ontology-based Dynamic and Context-aware Security Assessment Automation for Critical Applications. , 2019, , .		5
38	A payload-based mutual authentication scheme for Internet of Things. Future Generation Computer Systems, 2019, 92, 1028-1039.	4.9	71
39	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
40	A Secured Data Management Scheme for Smart Societies in Industrial Internet of Things Environment. IEEE Access, 2018, 6, 43088-43099.	2.6	25
41	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
42	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
43	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
44	Identification of Anticancer Peptides Using Optimal Feature Space of Chou's Split Amino Acid Composition and Support Vector Machine. , 2017, , .		4
45	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
46	Applications, limitations, and improvements in visible light communication systems. , 2015, , .		12
47	Performance improvement in wireless sensor and actor networks based on actor repositioning. , 2015, , .		1
48	Delay and throughput performance improvement in wireless sensor and actor networks. , 2015, , .		2
49	Secure communication and routing architecture in wireless sensor networks. , 2014, , .		23
50	Fairness and throughput improvement in multihop wireless ad hoc networks. , 2014, , .		7
51	Comparative study of spectrum sensing techniques in cognitive radio networks. , 2013, , .		34
52	Fairness improvement in long chain multihop wireless ad hoc networks. , 2013, , .		3
53	Dual head clustering scheme in wireless sensor networks. , 2012, , .		15