Muhammad Habib ur Rehman

List of Publications by Year
in descending order

47	3,313	257357	315616
papers	citations	24 h-index	38 g-index

47	47	47	3268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Blockchain for AI: Review and Open Research Challenges. IEEE Access, 2019, 7, 10127-10149.	2.6	596
2	Industrial internet of things: Recent advances, enabling technologies and open challenges. Computers and Electrical Engineering, 2020, 81, 106522.	3.0	289
3	An automated detection and classification of citrus plant diseases using image processing techniques: A review. Computers and Electronics in Agriculture, 2018, 153, 12-32.	3.7	277
4	The role of big data analytics in industrial Internet of Things. Future Generation Computer Systems, 2019, 99, 247-259.	4.9	234
5	Big data reduction framework for value creation in sustainable enterprises. International Journal of Information Management, 2016, 36, 917-928.	10.5	198
6	The rise of ransomware and emerging security challenges in the Internet of Things. Computer Networks, 2017, 129, 444-458.	3.2	197
7	Trustworthy Blockchain Oracles: Review, Comparison, and Open Research Challenges. IEEE Access, 2020, 8, 85675-85685.	2.6	163
8	Decentralized document version control using ethereum blockchain and IPFS. Computers and Electrical Engineering, 2019, 76, 183-197.	3.0	157
9	Big Data Reduction Methods: A Survey. Data Science and Engineering, 2016, 1, 265-284.	4.6	130
10	Big Data Analytics in Industrial IoT Using a Concentric Computing Model. , 2018, 56, 37-43.		101
11	IoT Public Fog Nodes Reputation System: A Decentralized Solution Using Ethereum Blockchain. IEEE Access, 2019, 7, 178082-178093.	2.6	78
12	Mining Personal Data Using Smartphones and Wearable Devices: A Survey. Sensors, 2015, 15, 4430-4469.	2.1	71
13	Towards Blockchain-Based Reputation-Aware Federated Learning. , 2020, , .		69
14	Prediction of the solar radiation on the Earth using support vector regression technique. Infrared Physics and Technology, 2015, 68, 179-185.	1.3	67
15	Blockchain for explainable and trustworthy artificial intelligence. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2020, 10, e1340.	4.6	67
16	Trust in Blockchain Cryptocurrency Ecosystem. IEEE Transactions on Engineering Management, 2020, 67, 1196-1212.	2.4	67
17	TrustFed: A Framework for Fair and Trustworthy Cross-Device Federated Learning in IIoT. IEEE Transactions on Industrial Informatics, 2021, 17, 8485-8494.	7.2	56
18	Blockchain Technology for Smart Grids: Decentralized NIST Conceptual Model. IEEE Access, 2020, 8, 43177-43190.	2.6	46

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19	COLIDE: a collaborative intrusion detection framework for Internet of Things. IET Networks, 2019, 8, 3-14.	1.1	44
20	Towards next-generation heterogeneous mobile data stream mining applications: Opportunities, challenges, and future research directions. Journal of Network and Computer Applications, 2017, 79, 1-24.	5.8	39
21	RedEdge: A Novel Architecture for Big Data Processing in Mobile Edge Computing Environments. Journal of Sensor and Actuator Networks, 2017, 6, 17.	2.3	35
22	Decentralized Access Control for IoT Data Using Blockchain and Trusted Oracles. , 2019, , .		35
23	Towards native code offloading based MCC frameworks for multimedia applications: A survey. Journal of Network and Computer Applications, 2016, 75, 335-354.	5.8	34
24	Monetization of Services Provided by Public Fog Nodes Using Blockchain and Smart Contracts. IEEE Access, 2020, 8, 20118-20128.	2.6	34
25	Design and Implementation of CryptoCargo: A Blockchain-Powered Smart Shipping Container for Vaccine Distribution. IEEE Access, 2021, 9, 53786-53803.	2.6	31
26	Blockchain-Based Decentralized Reverse Bidding in Fog Computing. IEEE Access, 2020, 8, 81686-81697.	2.6	28
27	Opportunistic Computation Offloading in Mobile Edge Cloud Computing Environments. , 2016, , .		25
28	Internet of Things and data mining: From applications to techniques and systems. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2019, 9, e1292.	4.6	25
29	Toward secure group communication in wireless mobile environments: Issues, solutions, and challenges. Journal of Network and Computer Applications, 2015, 50, 1-14.	5.8	21
30	Deep Deterministic Learning for Pattern Recognition of Different Cardiac Diseases through the Internet of Medical Things. Journal of Medical Systems, 2018, 42, 252.	2.2	15
31	Usage of Model Driven Environment for the Classification of ECG features: A Systematic Review. IEEE Access, 2018, 6, 23120-23136.	2.6	13
32	Execution Models for Mobile Data Analytics. IT Professional, 2017, 19, 24-30.	1.4	9
33	Host mobility key management in dynamic secure group communication. Wireless Networks, 2018, 24, 3009-3027.	2.0	9
34	The Rise of Proximal Mobile Edge Servers. IT Professional, 2019, 21, 26-32.	1.4	9
35	Frequent pattern mining in mobile devices: A feasibility study. , 2014, , .		8
36	The Concept of Pattern based Data Sharing in Big Data Environments. International Journal of Database Theory and Application, 2015, 8, 11-18.	0.2	8

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37	UniMiner: Towards a unified framework for data mining. , 2014, , .		6
38	Federated Learning Research: Trends and Bibliometric Analysis. Studies in Computational Intelligence, 2021, , 1-19.	0.7	6
39	Device-centric adaptive data stream management and offloading for analytics applications in future internet architectures. Future Generation Computer Systems, 2021, 114, 155-168.	4.9	3
40	Blockchain-Based Solution for Multiple Operator Spectrum Sharing (MOSS) in 5G Networks. , 2020, , .		3
41	Prediction analytics of myocardial infarction through model-driven deep deterministic learning. Neural Computing and Applications, 2020, 32, 15909-15928.	3.2	2
42	Impact and Comparison of Programming Constructs on JAVA and C# Source Code Readability. International Journal of Software Engineering and Its Applications, 2015, 9, 79-90.	0.2	2
43	Big Data Analytics in Mobile and Cloud Computing Environments. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2016, , 349-367.	0.5	2
44	DAS: Personal Diabetes Management System. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 4661-4670.	0.1	1
45	Optimizing Workflow Task Clustering Using Reinforcement Learning. IEEE Access, 2021, 9, 110614-110626.	2.6	1
46	Big Data Analytics in Mobile and Cloud Computing Environments. , 0, , 1478-1496.		1
47	FairFed: Cross-Device Fair Federated Learning. , 2020, , .		1