Mohammed Aledhari

List of Publications by Year
in descending order

20 papers	6,517 citations	1040056 9 h-index	1199594 12 g-index
21 all docs	21 docs citations	21 times ranked	7444 citing authors

#	Article	IF	Citations
1	Biomedical IoT: Enabling Technologies, Architectural Elements, Challenges, and Future Directions. IEEE Access, 2022, 10, 31306-31339.	4.2	21
2	A Deep Learning-Based Data Minimization Algorithm for Fast and Secure Transfer of Big Genomic Datasets. IEEE Transactions on Big Data, 2021, 7, 271-284.	6.1	9
3	Enabling Drones in the Internet of Things With Decentralized Blockchain-Based Security. IEEE Internet of Things Journal, 2021, 8, 6406-6415.	8.7	113
4	A survey on internet of things security: Requirements, challenges, and solutions. Internet of Things (Netherlands), 2021, 14, 100129.	7.7	167
5	Methods for Proteogenomics Data Analysis, Challenges, and Scalability Bottlenecks: A Survey. IEEE Access, 2021, 9, 5497-5516.	4.2	14
6	Multimodal Machine Learning for Pedestrian Detection. , 2021, , .		4
7	Sensor Fusion for Drone Detection. , 2021, , .		14
8	Machine learning research towards combating COVID-19: Virus detection, spread prevention, and medical assistance. Journal of Biomedical Informatics, 2021, 117, 103751.	4.3	47
9	Machine learning for network application security: Empirical evaluation and optimization. Computers and Electrical Engineering, 2021, 91, 107052.	4.8	14
10	Federated Learning: A Survey on Enabling Technologies, Protocols, and Applications. IEEE Access, 2020, 8, 140699-140725.	4.2	313
11	Decentralized Authentication of Distributed Patients in Hospital Networks Using Blockchain. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2146-2156.	6.3	137
12	A Deep Recurrent Neural Network to Support Guidelines and Decision Making of Social Distancing. , 2020, , .		2
13	An Adaptive Segmentation Technique to Detect Brain Tumors Using 2D Unet. , 2020, , .		4
14	A Hybrid RSA Algorithm in Support of IoT Greenhouse Applications. , 2019, , .		4
15	Optimized CNN-based Diagnosis System to Detect the Pneumonia from Chest Radiographs. , 2019, , .		14
16	A Fourier-Based Data Minimization Algorithm for Fast and Secure Transfer of Big Genomic Datasets. , 2018, , .		1
17	A New Cryptography Algorithm to Protect Cloud-Based Healthcare Services. , 2017, , .		13
18	A Variable-Length Network Encoding Protocol for Big Genomic Data. Lecture Notes in Computer Science, 2016, , 212-224.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Internet of Things: A Survey on Enabling Technologies, Protocols, and Applications. IEEE Communications Surveys and Tutorials, 2015, 17, 2347-2376.	39.4	5,614
20	Design and Implementation of Network Transfer Protocol for Big Genomic Data. , 2015, , .		7