

Fadi Al-Turjman

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

1,497
citations

20
h-index

38
g-index

62
ext. papers

2,206
ext. citations

3.3
avg, IF

6.08
L-index

#	Paper	IF	Citations
61	CovidGAN: Data Augmentation Using Auxiliary Classifier GAN for Improved Covid-19 Detection. <i>IEEE Access</i> , 2020 , 8, 91916-91923	3.5	258
60	Smart Contract Privacy Protection Using AI in Cyber-Physical Systems: Tools, Techniques and Challenges. <i>IEEE Access</i> , 2020 , 8, 24746-24772	3.5	111
59	Intelligence in the Internet of Medical Things era: A systematic review of current and future trends. <i>Computer Communications</i> , 2020 , 150, 644-660	5.1	95
58	Cyber Security Threats Detection in Internet of Things Using Deep Learning Approach. <i>IEEE Access</i> , 2019 , 7, 124379-124389	3.5	79
57	Securing Smart City Surveillance: A Lightweight Authentication Mechanism for Unmanned Vehicles. <i>IEEE Access</i> , 2020 , 8, 43711-43724	3.5	74
56	Data-driven dynamic clustering framework for mitigating the adverse economic impact of Covid-19 lockdown practices. <i>Sustainable Cities and Society</i> , 2020 , 62, 102372	10.1	73
55	An Authentic-Based Privacy Preservation Protocol for Smart e-Healthcare Systems in IoT. <i>IEEE Access</i> , 2019 , 7, 135632-135649	3.5	71
54	AI Techniques for COVID-19.. <i>IEEE Access</i> , 2020 , 8, 128776-128795	3.5	66
53	Correcting design flaws: An improved and cloud assisted key agreement scheme in cyber physical systems. <i>Computer Communications</i> , 2020 , 153, 527-537	5.1	52
52	A Secure and Reliable Device Access Control Scheme for IoT Based Sensor Cloud Systems. <i>IEEE Access</i> , 2020 , 8, 139244-139254	3.5	44
51	Pneumonia Classification Using Deep Learning from Chest X-ray Images During COVID-19. <i>Cognitive Computation</i> , 2021 , 1-13	4.4	40
50	Securing Demand Response Management: A Certificate-Based Access Control in Smart Grid Edge Computing Infrastructure. <i>IEEE Access</i> , 2020 , 8, 101235-101243	3.5	39
49	Quantifying Uncertainty in Internet of Medical Things and Big-Data Services Using Intelligence and Deep Learning. <i>IEEE Access</i> , 2019 , 7, 115749-115759	3.5	39
48	Survival Study on Blockchain Based 6G-Enabled Mobile Edge Computation for IoT Automation. <i>IEEE Access</i> , 2020 , 8, 143453-143463	3.5	39
47	A Three Layered Decentralized IoT Biometric Architecture for City Lockdown During COVID-19 Outbreak. <i>IEEE Access</i> , 2020 , 8, 163608-163617	3.5	35
46	Privacy-Aware Energy-Efficient Framework Using the Internet of Medical Things for COVID-19. <i>IEEE Internet of Things Magazine</i> , 2020 , 3, 64-68	3.5	27
45	Artificial Muscle Intelligence System With Deep Learning for Post-Stroke Assistance and Rehabilitation. <i>IEEE Access</i> , 2019 , 7, 133463-133473	3.5	23

44	Capturing-the-Invisible (CTI): Behavior-Based Attacks Recognition in IoT-Oriented Industrial Control Systems. <i>IEEE Access</i> , 2020 , 8, 104956-104966	3.5	23
43	A novel community-based trust aware recommender systems for big data cloud service networks. <i>Sustainable Cities and Society</i> , 2020 , 61, 102274	10.1	22
42	. <i>IEEE Access</i> , 2020 , 8, 26172-26189	3.5	22
41	A smart lightweight privacy preservation scheme for IoT-based UAV communication systems. <i>Computer Communications</i> , 2020 , 162, 102-117	5.1	20
40	Blockchain-Based Cryptocurrency Regulation: An Overview. <i>Computational Economics</i> , 2020 , 1	1.4	20
39	Energy Aware Resource Allocation in Multi-Hop Multimedia Routing via the Smart Edge Device. <i>IEEE Access</i> , 2019 , 7, 151203-151214	3.5	18
38	Activity Pattern Mining for Healthcare. <i>IEEE Access</i> , 2020 , 8, 56730-56738	3.5	16
37	IoT Based Humanoid Software for Identification and Diagnosis of Covid-19 Suspects. <i>IEEE Sensors Journal</i> , 2020 , 1-1	4	15
36	Deep learning in medical imaging: A brief review. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , e4080	1.9	13
35	A systematic approach for COVID-19 predictions and parameter estimation. <i>Personal and Ubiquitous Computing</i> , 2020 , 1-13	2.1	12
34	COVID-19 in the Age of Artificial Intelligence: A Comprehensive Review. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021 , 13, 153-175	3.5	11
33	A Privacy Enhanced Authentication Scheme for Securing Smart Grid Infrastructure. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	10
32	Cognitive Intelligence for Monitoring Fractured Post-Surgery Ankle Activity Using Channel Information. <i>IEEE Access</i> , 2020 , 8, 112113-112129	3.5	10
31	An improved ensemble based intrusion detection technique using XGBoost. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021 , 32, e4076	1.9	10
30	Lightweight Privacy and Confidentiality Preserving Anonymous Authentication Scheme for WBANs. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	10
29	Monitoring Movements of Ataxia Patient by Using UWB Technology. <i>Sensors</i> , 2020 , 20,	3.8	9
28	Parkinson Data Analysis and Prediction System Using Multi-Variant Stacked Auto Encoder. <i>IEEE Access</i> , 2020 , 8, 127004-127013	3.5	9
27	Lightweight authentication for IoT/Cloud-based forensics in intelligent data computing. <i>Future Generation Computer Systems</i> , 2021 , 116, 406-425	7.5	8

26	Computationally efficient and secure anonymous authentication scheme for cloud users. <i>Personal and Ubiquitous Computing</i> ,1	2.1	7
25	Privacy-preserving in smart contracts using blockchain and artificial intelligence for cyber risk measurements. <i>Journal of Information Security and Applications</i> , 2021 , 58, 102749	3.5	7
24	Convolutional neural networks for the classification of chest X-rays in the IoT era. <i>Multimedia Tools and Applications</i> , 2021 , 80, 1-15	2.5	7
23	A Non-Contact Paraparesis Detection Technique Based on 1D-CNN. <i>IEEE Access</i> , 2019 , 7, 182280-182288	3.5	7
22	Deming least square regressed feature selection and Gaussian neuro-fuzzy multi-layered data classifier for early COVID prediction. <i>Expert Systems</i> , 2021 , e12694	2.1	5
21	Application of AI Techniques for COVID-19 in IoT and Big Data Era: A Survey. <i>Studies in Computational Intelligence</i> , 2021 , 175-211	0.8	5
20	Edge Computing-Based Localization Technique to Detecting Behavior of Dementia. <i>IEEE Access</i> , 2020 , 8, 82108-82119	3.5	4
19	Deep Learning Models for COVID-19 Detection. <i>Sustainability</i> , 2022 , 14, 5820	3.6	4
18	Analysis on homomorphic technique for data security in fog computing. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 32, e3990	1.9	3
17	Anonymous Mutual and Batch Authentication with Location Privacy of UAV in FANET. <i>Drones</i> , 2022 , 6, 14	5.4	3
16	Skyline Query Optimization for Preferable Product Selection and Recommendation System. <i>Wireless Personal Communications</i> , 2021 , 117, 3091-3108	1.9	3
15	IoT and AI for COVID-19 in Scalable Smart Cities. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 3-19	0.2	3
14	Load Balancing Algorithm on the Immense Scale of Internet of Things in SDN for Smart Cities. <i>Sustainability</i> , 2021 , 13, 9587	3.6	3
13	An Optimization of the Signal-to-Noise Ratio Distribution of an Indoor Visible Light Communication System Based on the Conventional Layout Model. <i>Sustainability</i> , 2020 , 12, 9006	3.6	2
12	On the Security of an Authentication Scheme for Smart Metering Infrastructure 2020 ,		2
11	BAIV: An Efficient Blockchain-Based Anonymous Authentication and Integrity Preservation Scheme for Secure Communication in VANETs. <i>Electronics (Switzerland)</i> , 2022 , 11, 488	2.6	2
10	Convolutional neural network for diagnosis of viral pneumonia and COVID-19 alike diseases. <i>Expert Systems</i> , 2021 , e12705	2.1	2
9	A comprehensive survey on security issues in vehicle-to-grid networks. <i>Journal of Control and Decision</i> ,1-10	0.9	1

8	COVID-19 special issue: Intelligent solutions for computer communication-assisted infectious disease diagnosis. <i>Expert Systems</i> , 2020 , e12574	2.1	1
7	Polygon Number Algorithm for Peak-to-Average Ratio Reduction of Massive 5G Systems Using Modified Partial Transmit Sequence Scheme. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-10	1.9	1
6	RapidAuth: Fast Authentication for Sustainable IoT. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 82-95	0.2	1
5	How to Exploit 5G Networks for IoT e-Health Security and Privacy Challenges. <i>IEEE Internet of Things Magazine</i> , 2021 , 4, 6-11	3.5	0
4	A Novel Handover Mechanism of PMIPv6 for the Support of Multi-Homing Based on Virtual Interface. <i>Sustainability</i> , 2021 , 13, 11743	3.6	
3	Artificial Intelligence in face of the Novel CoronaVirus. <i>Studies in Computational Intelligence</i> , 2021 , 43-71	0.8	
2	COVID-19 Detection on CT Scans Using Local Binary Pattern and Deep Learning. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 101-107	0.2	
1	Wi-Fi Attendance System in the IoT Era. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 19-29	0.4	