

# Fadi Al-Turjman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/658071/publications.pdf>

Version: 2024-02-01

61  
papers

2,995  
citations

201575

27  
h-index

168321

53  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2732  
citing authors

#	ARTICLE	IF	CITATIONS
1	CovidGAN: Data Augmentation Using Auxiliary Classifier GAN for Improved Covid-19 Detection. IEEE Access, 2020, 8, 91916-91923.	2.6	517
2	Intelligence in the Internet of Medical Things era: A systematic review of current and future trends. Computer Communications, 2020, 150, 644-660.	3.1	201
3	Pneumonia Classification Using Deep Learning from Chest X-ray Images During COVID-19. Cognitive Computation, 2021, , 1-13.	3.6	160
4	Smart Contract Privacy Protection Using AI in Cyber-Physical Systems: Tools, Techniques and Challenges. IEEE Access, 2020, 8, 24746-24772.	2.6	155
5	Cyber Security Threats Detection in Internet of Things Using Deep Learning Approach. IEEE Access, 2019, 7, 124379-124389.	2.6	139
6	An Authentic-Based Privacy Preservation Protocol for Smart e-Healthcare Systems in IoT. IEEE Access, 2019, 7, 135632-135649.	2.6	138
7	Data-driven dynamic clustering framework for mitigating the adverse economic impact of Covid-19 lockdown practices. Sustainable Cities and Society, 2020, 62, 102372.	5.1	123
8	Securing Smart City Surveillance: A Lightweight Authentication Mechanism for Unmanned Vehicles. IEEE Access, 2020, 8, 43711-43724.	2.6	120
9	Notice of Retraction: AI Techniques for COVID-19. IEEE Access, 2020, 8, 128776-128795.	2.6	117
10	A Secure and Reliable Device Access Control Scheme for IoT Based Sensor Cloud Systems. IEEE Access, 2020, 8, 139244-139254.	2.6	81
11	Survival Study on Blockchain Based 6G-Enabled Mobile Edge Computation for IoT Automation. IEEE Access, 2020, 8, 143453-143463.	2.6	77
12	Quantifying Uncertainty in Internet of Medical Things and Big-Data Services Using Intelligence and Deep Learning. IEEE Access, 2019, 7, 115749-115759.	2.6	70
13	Securing Demand Response Management: A Certificate-Based Access Control in Smart Grid Edge Computing Infrastructure. IEEE Access, 2020, 8, 101235-101243.	2.6	68
14	Correcting design flaws: An improved and cloud assisted key agreement scheme in cyber physical systems. Computer Communications, 2020, 153, 527-537.	3.1	66
15	A Three Layered Decentralized IoT Biometric Architecture for City Lockdown During COVID-19 Outbreak. IEEE Access, 2020, 8, 163608-163617.	2.6	54
16	Reviewer Credibility and Sentiment Analysis Based User Profile Modelling for Online Product Recommendation. IEEE Access, 2020, 8, 26172-26189.	2.6	52
17	A smart lightweight privacy preservation scheme for IoT-based UAV communication systems. Computer Communications, 2020, 162, 102-117.	3.1	46
18	Privacy-Aware Energy-Efficient Framework Using the Internet of Medical Things for COVID-19. IEEE Internet of Things Magazine, 2020, 3, 64-68.	2.0	43

#	ARTICLE	IF	CITATIONS
19	An improved ensemble based intrusion detection technique using <scp>XGBoost</scp>. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4076.	2.6	43
20	Blockchain-Based Cryptocurrency Regulation: An Overview. Computational Economics, 2022, 59, 1659-1675.	1.5	41
21	Deep learning in medical imaging: A brief review. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4080.	2.6	41
22	Artificial Muscle Intelligence System With Deep Learning for Post-Stroke Assistance and Rehabilitation. IEEE Access, 2019, 7, 133463-133473.	2.6	38
23	IoT-Based Humanoid Software for Identification and Diagnosis of Covid-19 Suspects. IEEE Sensors Journal, 2022, 22, 17490-17496.	2.4	38
24	A novel community-based trust aware recommender systems for big data cloud service networks. Sustainable Cities and Society, 2020, 61, 102274.	5.1	37
25	Lightweight Privacy and Confidentiality Preserving Anonymous Authentication Scheme for WBANs. IEEE Transactions on Industrial Informatics, 2022, 18, 3484-3491.	7.2	34
26	COVID-19 in the Age of Artificial Intelligence: A Comprehensive Review. Interdisciplinary Sciences, Computational Life Sciences, 2021, 13, 153-175.	2.2	34
27	Capturing-the-Invisible (CTI): Behavior-Based Attacks Recognition in IoT-Oriented Industrial Control Systems. IEEE Access, 2020, 8, 104956-104966.	2.6	33
28	Privacy-preserving in smart contracts using blockchain and artificial intelligence for cyber risk measurements. Journal of Information Security and Applications, 2021, 58, 102749.	1.8	29
29	Energy Aware Resource Allocation in Multi-Hop Multimedia Routing via the Smart Edge Device. IEEE Access, 2019, 7, 151203-151214.	2.6	28
30	Lightweight authentication for IoT/Cloud-based forensics in intelligent data computing. Future Generation Computer Systems, 2021, 116, 406-425.	4.9	27
31	Convolutional neural networks for the classification of chest X-rays in the IoT era. Multimedia Tools and Applications, 2021, 80, 29051-29065.	2.6	25
32	Activity Pattern Mining for Healthcare. IEEE Access, 2020, 8, 56730-56738.	2.6	24
33	Parkinson Data Analysis and Prediction System Using Multi-Variant Stacked Auto Encoder. IEEE Access, 2020, 8, 127004-127013.	2.6	23
34	A Privacy Enhanced Authentication Scheme for Securing Smart Grid Infrastructure. IEEE Transactions on Industrial Informatics, 2022, 18, 5000-5006.	7.2	22
35	BAIV: An Efficient Blockchain-Based Anonymous Authentication and Integrity Preservation Scheme for Secure Communication in VANETs. Electronics (Switzerland), 2022, 11, 488.	1.8	19
36	A systematic approach for COVID-19 predictions and parameter estimation. Personal and Ubiquitous Computing, 2023, 27, 675-687.	1.9	18

#	ARTICLE	IF	CITATIONS
37	Anonymous Mutual and Batch Authentication with Location Privacy of UAV in FANET. Drones, 2022, 6, 14.	2.7	17
38	Cognitive Intelligence for Monitoring Fractured Post-Surgery Ankle Activity Using Channel Information. IEEE Access, 2020, 8, 112113-112129.	2.6	16
39	Monitoring Movements of Ataxia Patient by Using UWB Technology. Sensors, 2020, 20, 931.	2.1	16
40	Load Balancing Algorithm on the Immense Scale of Internet of Things in SDN for Smart Cities. Sustainability, 2021, 13, 9587.	1.6	16
41	A comprehensive survey on security issues in vehicle-to-grid networks. Journal of Control and Decision, 2023, 10, 150-159.	0.7	16
42	Local binary pattern and deep learning feature extraction fusion for COVID-19 detection on computed tomography images. Expert Systems, 2022, 39, .	2.9	15
43	Analysis on homomorphic technique for data security in fog computing. Transactions on Emerging Telecommunications Technologies, 2020, 32, e3990.	2.6	14
44	Deming least square regressed feature selection and Gaussian $\alpha$ -fuzzy multi-layered data classifier for early COVID prediction. Expert Systems, 2022, 39, e12694.	2.9	14
45	Computationally efficient and secure anonymous authentication scheme for cloud users. Personal and Ubiquitous Computing, 2024, 28, 111-121.	1.9	14
46	A Non-Contact Paraparesis Detection Technique Based on 1D-CNN. IEEE Access, 2019, 7, 182280-182288.	2.6	11
47	Convolutional neural network for diagnosis of viral pneumonia and COVID-19 alike diseases. Expert Systems, 2022, 39, e12705.	2.9	10
48	Edge Computing-Based Localization Technique to Detecting Behavior of Dementia. IEEE Access, 2020, 8, 82108-82119.	2.6	7
49	Application of AI Techniques for COVID-19 in IoT and Big Data Era: A Survey. Studies in Computational Intelligence, 2021, , 175-211.	0.7	7
50	Deep Learning Models for COVID-19 Detection. Sustainability, 2022, 14, 5820.	1.6	7
51	Skyline Query Optimization for Preferable Product Selection and Recommendation System. Wireless Personal Communications, 2021, 117, 3091-3108.	1.8	6
52	Polygon Number Algorithm for Peak-to-Average Ratio Reduction of Massive 5G Systems Using Modified Partial Transmit Sequence Scheme. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	0.8	6
53	On the Security of an Authentication Scheme for Smart Metering Infrastructure. , 2020, , .		6
54	An Optimization of the Signal-to-Noise Ratio Distribution of an Indoor Visible Light Communication System Based on the Conventional Layout Model. Sustainability, 2020, 12, 9006.	1.6	5

#	ARTICLE	IF	CITATIONS
55	IoT and AI for COVID-19 in Scalable Smart Cities. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 3-19.	0.2	4
56	RapidAuth: Fast Authentication for Sustainable IoT. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 82-95.	0.2	3
57	How to Exploit 5G Networks for IoT e-Health Security and Privacy Challenges. IEEE Internet of Things Magazine, 2021, 4, 6-11.	2.0	2
58	COVID-19 special issue: Intelligent solutions for computer communication-assisted infectious disease diagnosis. Expert Systems, 2020, , e12574.	2.9	1
59	Artificial Intelligence in face of the Novel CoronaVirus. Studies in Computational Intelligence, 2021, , 43-71.	0.7	0
60	COVID-19 Detection on CT Scans Using Local Binary Pattern and Deep Learning. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 101-107.	0.2	0
61	A Novel Handover Mechanism of PMIPv6 for the Support of Multi-Homing Based on Virtual Interface. Sustainability, 2021, 13, 11743.	1.6	0