

Abdulla Al-Ali

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.

32 papers	705 citations	13 h-index	26 g-index
36 ext. papers	1,078 ext. citations	8.4 avg, IF	4.8 L-index

#	Paper	IF	Citations
32	A Survey of Machine and Deep Learning Methods for Internet of Things (IoT) Security. <i>IEEE Communications Surveys and Tutorials</i> , 2020 , 22, 1646-1685	37.1	256
31	Design Challenges of Multi-UAV Systems in Cyber-Physical Applications: A Comprehensive Survey and Future Directions. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 3340-3385	37.1	90
30	RF-based drone detection and identification using deep learning approaches: An initiative towards a large open source drone database. <i>Future Generation Computer Systems</i> , 2019 , 100, 86-97	7.5	66
29	Recent Advances in the Internet-of-Medical-Things (IoMT) Systems Security. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 8707-8718	10.7	31
28	TFRC-CR: An equation-based transport protocol for cognitive radio networks. <i>Ad Hoc Networks</i> , 2013 , 11, 1836-1847	4.8	28
27	Improving Remote Health Monitoring: A Low-Complexity ECG Compression Approach. <i>Diagnostics</i> , 2018 , 8,	3.8	24
26	DroneRF dataset: A dataset of drones for RF-based detection, classification and identification. <i>Data in Brief</i> , 2019 , 26, 104313	1.2	23
25	A Novel Deep Learning Strategy for Classifying Different Attack Patterns for Deep Brain Implants. <i>IEEE Access</i> , 2019 , 7, 24154-24164	3.5	22
24	Audio Based Drone Detection and Identification using Deep Learning 2019 ,		19
23	. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 263-272	6.8	17
22	Multi-Layer Perceptron Model on Chip for Secure Diabetic Treatment. <i>IEEE Access</i> , 2018 , 6, 44718-44730	3.5	16
21	Biometric-based authentication scheme for Implantable Medical Devices during emergency situations. <i>Future Generation Computer Systems</i> , 2019 , 98, 109-119	7.5	15
20	A review of security challenges, attacks and resolutions for wireless medical devices 2017 ,		13
19	Audio-Based Drone Detection and Identification Using Deep Learning Techniques with Dataset Enhancement through Generative Adversarial Networks. <i>Sensors</i> , 2021 , 21,	3.8	11
18	Simulating dynamic spectrum access using ns-3 for wireless networks in smart environments 2014 ,		10
17	Towards Extended Bit Tracking for Scalable and Robust RFID Tag Identification Systems. <i>IEEE Access</i> , 2018 , 6, 27190-27204	3.5	9
16	New Plain-Text Authentication Secure Scheme for Implantable Medical Devices with Remote Control 2017 ,		8

15	Distributed CNN Inference on Resource-Constrained UAVs for Surveillance Systems: Design and Optimization. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	7
14	Symmetric Encryption Relying on Chaotic Henon System for Secure Hardware-Friendly Wireless Communication of Implantable Medical Systems. <i>Journal of Sensor and Actuator Networks</i> , 2018 , 7, 21	3.8	6
13	DLRT: Deep Learning Approach for Reliable Diabetic Treatment 2017 ,		6
12	Fire Alarm System for Smart Cities Using Edge Computing 2020 ,		5
11	DTW based Authentication for Wireless Medical Device Security 2018 ,		5
10	2013 ,		3
9	Light-weight encryption of wireless communication for implantable medical devices using henon chaotic system (invited paper) 2017 ,		3
8	2018 ,		3
7	Efficient EEG Mobile Edge Computing and Optimal Resource Allocation for Smart Health Applications 2019 ,		2
6	Querying spectrum databases and improved sensing for vehicular cognitive radio networks 2014 ,		2
5	On Physical Layer Security in Energy-Efficient Wireless Health Monitoring Applications 2019 ,		1
4	Fuzzy Elliptic Curve Cryptography for Authentication in Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	1
3	Key Generation Based Fuzzy Logic and Elliptic Curve Cryptography for Internet of Things (IoT) Authentication 2020 ,		1
2	Salt Generation for Hashing Schemes based on ECG readings for Emergency Access to Implantable Medical Devices 2018 ,		1
1	3-D Stochastic Geometry-based Modeling and Performance Analysis of Efficient Security Enhancement scheme for IoT Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	0