

# Alaa Awad Abdellatif

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4256962/publications.pdf>

Version: 2024-02-01

31  
papers

716  
citations

758635

12  
h-index

996533

15  
g-index

31  
all docs

31  
docs citations

31  
times ranked

622  
citing authors

#	ARTICLE	IF	CITATIONS
1	Edge Computing for Smart Health: Context-Aware Approaches, Opportunities, and Challenges. IEEE Network, 2019, 33, 196-203.	4.9	160
2	ssHealth: Toward Secure, Blockchain-Enabled Healthcare Systems. IEEE Network, 2020, 34, 312-319.	4.9	82
3	MEdge-Chain: Leveraging Edge Computing and Blockchain for Efficient Medical Data Exchange. IEEE Internet of Things Journal, 2021, 8, 15762-15775.	5.5	75
4	Edge-based compression and classification for smart healthcare systems: Concept, implementation and evaluation. Expert Systems With Applications, 2019, 117, 1-14.	4.4	49
5	Communication-efficient hierarchical federated learning for IoT heterogeneous systems with imbalanced data. Future Generation Computer Systems, 2022, 128, 406-419.	4.9	45
6	EEG-Based Transceiver Design With Data Decomposition for Healthcare IoT Applications. IEEE Internet of Things Journal, 2018, 5, 3569-3579.	5.5	42
7	Performance Evaluation of Hyperledger Fabric. , 2020, , .		32
8	A Deep Learning Approach for Vital Signs Compression and Energy Efficient Delivery in mhealth Systems. IEEE Access, 2018, 6, 33727-33739.	2.6	31
9	User-Centric Networks Selection With Adaptive Data Compression for Smart Health. IEEE Systems Journal, 2018, 12, 3618-3628.	2.9	20
10	EdgeHealth: An Energy-Efficient Edge-based Remote mHealth Monitoring System. , 2019, , .		19
11	Interference-aware energy-efficient cross-layer design for healthcare monitoring applications. Computer Networks, 2014, 74, 64-77.	3.2	18
12	Deep Reinforcement Learning for Network Selection Over Heterogeneous Health Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 258-270.	4.1	17
13	Distributed in-network processing and resource optimization over mobile-health systems. Journal of Network and Computer Applications, 2017, 82, 65-76.	5.8	15
14	Network Association with Dynamic Pricing over D2D-Enabled Heterogeneous Networks. , 2017, , .		13
15	Active Learning With Noisy Labelers for Improving Classification Accuracy of Connected Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 3059-3070.	3.9	13
16	Edge computing for energy-efficient smart health systems. , 2020, , 53-67.		12
17	Multi-Agent Reinforcement Learning for Network Selection and Resource Allocation in Heterogeneous Multi-RAT Networks. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1287-1300.	4.9	12
18	Active Learning-based Classification in Automated Connected Vehicles. , 2020, , .		11

#	ARTICLE	IF	CITATIONS
19	Automated class-based compression for real-time epileptic seizure detection. , 2018, , .		9
20	On the Performance of Tactical Communication Interception Using Military Full Duplex Radios. , 2019, , .		9
21	Dynamic Network Slicing and Resource Allocation for 5G-and-Beyond Networks. , 2022, , .		9
22	I-SEE: Intelligent, Secure, and Energy-Efficient Techniques for Medical Data Transmission Using Deep Reinforcement Learning. IEEE Internet of Things Journal, 2021, 8, 6454-6468.	5.5	7
23	On Physical Layer Security in Energy-Efficient Wireless Health Monitoring Applications. , 2019, , .		6
24	Concurrent association in heterogeneous networks with underlay D2D communication. , 2017, , .		4
25	ONSRA: an Optimal Network Selection and Resource Allocation Framework in multi-RAT Systems. , 2021, , .		3
26	B5G: Predictive Container Auto-Scaling for Cellular Evolved Packet Core. IEEE Access, 2021, 9, 158204-158214.	2.6	2
27	In-Network Data Reduction Approach Based on Smart Sensing. , 2016, , .		1
28	Compress or Interfere?. , 2019, , .		0
29	Distributed Multi-Objective Resource Optimization for Mobile-Health Systems. , 2016, , .		0
30	Patient-Driven Network Selection in multi-RAT Health Systems Using Deep Reinforcement Learning. , 2021, , .		0
31	RLENS: RL-based Energy-Efficient Network Selection Framework for IoMT. , 2022, , .		0