Ahmed Q Lawey

List of Publications by Year in descending order

36	934	759233	1058476
papers	citations	12	14
		h-index	g-index

36	36	36	494
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Energy Efficient Clouds Over Core Networks. Journal of Lightwave Technology, 2014, 32, 1261-1281.	4.6	113
2	Optimized Energy Aware 5G Network Function Virtualization. IEEE Access, 2019, 7, 44939-44958.	4.2	83
3	GreenTouch GreenMeter Core Network Energy-Efficiency Improvement Measures and Optimization. Journal of Optical Communications and Networking, 2018, 10, A250.	4.8	82
4	Big data analytics for wireless and wired network design: A survey. Computer Networks, 2018, 132, 180-199.	5.1	75
5	BitTorrent Content Distribution in Optical Networks. Journal of Lightwave Technology, 2014, 32, 4209-4225.	4.6	71
6	Future Energy Efficient Data Centers With Disaggregated Servers. Journal of Lightwave Technology, 2017, 35, 5361-5380.	4.6	70
7	Energy Efficient Big Data Networks: Impact of Volume and Variety. IEEE Transactions on Network and Service Management, 2018, 15, 458-474.	4.9	60
8	Patient-Centric Cellular Networks Optimization Using Big Data Analytics. IEEE Access, 2019, 7, 49279-49296.	4.2	50
9	Energy Efficient IoT Virtualization Framework With Peer to Peer Networking and Processing. IEEE Access, 2019, 7, 50697-50709.	4.2	42
10	Greening big data networks: velocity impact. IET Optoelectronics, 2018, 12, 126-135.	3.3	38
11	Patient-Centric HetNets Powered by Machine Learning and Big Data Analytics for 6G Networks. IEEE Access, 2020, 8, 85639-85655.	4.2	35
12	Virtualization framework for energy efficient IoT networks. , 2015, , .		29
13	Energy-efficient core networks. , 2012, , .		23
14	Renewable energy in distributed energy efficient content delivery clouds. , 2015, , .		17
15	Distributed processing in vehicular cloud networks. , 2017, , .		17
16	Service Embedding in IoT Networks. IEEE Access, 2020, 8, 2948-2962.	4.2	15
17	Resilient Service Embedding in IoT Networks. IEEE Access, 2020, 8, 123571-123584.	4.2	14
18	Energy efficient IoT virtualization framework with passive optical access networks. , 2016, , .		13

#	Article	IF	Citations
19	Energy efficient service embedding in IoT networks. , 2018, , .		9
20	Energy efficient disaggregated servers for future data centers. , 2015, , .		8
21	Energy Efficient Tapered Data Networks for Big Data processing in IP/WDM networks. , 2015, , .		8
22	Energy Efficiency of Fog Computing Health Monitoring Applications. , 2018, , .		8
23	Energy Efficient Service Embedding In IoT over PON. , 2019, , .		8
24	Latency Reduction for Mobile Edge Computing in HetNets by Uplink and Downlink Decoupled Access. IEEE Wireless Communications Letters, 2021, 10, 2205-2209.	5.0	7
25	Energy efficient cloud content delivery in core networks. , 2013, , .		5
26	Energy efficient virtual machines placement in IP over WDM networks. , 2017, , .		5
27	Energy Efficient Service Distribution in Internet of Things. , 2018, , .		5
28	The Impact of Inter-Virtual Machine Traffic on Energy Efficient Virtual Machines Placement. , 2019, , .		5
29	Energy-efficient peer selection mechanism for BitTorrent content distribution. , 2012, , .		4
30	Greening big data networks: Volume impact. , 2016, , .		4
31	Energy efficient resource provisioning with VM migration heuristic for Disaggregated Server design. , 2016, , .		4
32	Impact of peers behaviour on the energy efficiency of BitTorrent over optical networks. , 2012, , .		2
33	Core network physical topology design for energy efficiency and resilience. , 2013, , .		2
34	Energy Efficient Resource Provisioning in Disaggregated Data Centres. , 2015, , .		2
35	Energy efficient cloud networks. , 2016, , .		1
36	Energy Efficient Content Distribution. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 0, , 351-381.	0.5	0