Omar Hayat

List of Publications by Year
in descending order

16 papers	165 citations	1307366 7 h-index	1125617 13 g-index
16 all docs	16 docs citations	16 times ranked	142 citing authors

#	Article	IF	Citations
1	Device Discovery in D2D Communication: A Survey. IEEE Access, 2019, 7, 131114-131134.	2.6	39
2	In-Band Device to Device (D2D) Communication and Device Discovery: A Survey. Wireless Personal Communications, 2019, 106, 451-472.	1.8	33
3	Cooperative Device-to-Device Discovery Model for Multiuser and OFDMA Network Base Neighbour Discovery in In-Band 5G Cellular Networks. Wireless Personal Communications, 2017, 97, 4681-4695.	1.8	14
4	Device discovery for D2D communication in in-band cellular networks using sphere decoder like (SDL) algorithm. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	14
5	A Survey on Security and Privacy Challenges in Device Discovery for Next-Generation Systems. IEEE Access, 2020, 8, 84584-84603.	2.6	13
6	A Novel Asymmetric Patch Reflectarray Antenna with Ground Ring Slots for 5G Communication Systems. Electronics (Switzerland), 2020, 9, 1450.	1.8	12
7	Signaling Overhead Reduction Techniques in Device-to-Device Communications: Paradigm for 5G and Beyond. IEEE Access, 2021, 9, 11037-11050.	2.6	8
8	Adaptive mobility-aware and reliable routing protocols for healthcare vehicular network. Mathematical Biosciences and Engineering, 2022, 19, 7156-7177.	1.0	8
9	Device Discovery Signal Design for Proximal Devices in D2D Communication. Wireless Personal Communications, 2019, 108, 865-878.	1.8	6
10	Performance Analysis of Device Discovery Algorithms for D2D Communication. Arabian Journal for Science and Engineering, 2020, 45, 1457-1471.	1.7	6
11	Multi-user Shared Access (MUSA) procedure for device discovery in D2D communication. Telecommunication Systems, 2021, 76, 291-297.	1.6	4
12	Sector Scanning Algorithm (SSA) for device discovery in D2D communication. International Journal of Electronics, 2021, 108, 45-66.	0.9	4
13	Sphere decoding in the presence of channel uncertainty. , 2010, , .		2
14	Full Duplex DD for In-Band D2D Communication. Wireless Personal Communications, 2020, 115, 679-694.	1.8	2
15	Device Discovery for D2D Communication Using Belief Space Search in Dense Area. , 2019, , .		0
16	Bat echolocation-based algorithm for device discovery in D2D communication. SN Applied Sciences, 2020, 2, 1.	1.5	0