

Muhammad Usman Sheikh

List of Publications by Year in descending order

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11
papers

109
citations

1937685

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h-index

2053705

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g-index

11
all docs

11
docs citations

11
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient Backscatter Communications for Future Ultra-Low-Power Machine Type Communications: Challenges, Solutions, Opportunities, and Future Research Trends. IEEE Communications Magazine, 2020, 58, 42-47.	6.1	46
2	Advanced Antenna Techniques and High Order Sectorization with Novel Network Tessellation for Enhancing Macro Cell Capacity in DC-HSDPA Network. International Journal of Wireless and Mobile Networks, 2013, 5, 65-84.	0.2	16
3	Validation of Backscatter Link Budget Simulations with Measurements at 915 MHz and 2.4 GHz. , 2019, , .		14
4	Angular wall loss model and Extended Building Penetration model for outdoor to indoor propagation. , 2017, , .		11
5	In preparation towards future cellular networks: the detailed analysis of macro and micro site densification and sector densification. Telecommunication Systems, 2017, 65, 621-636.	2.5	6
6	Analysis of Indoor Solutions for Provision of Indoor Coverage at 3.5 GHz and 28 GHz for 5G System. , 2019, , .		5
7	Migration to 28 GHz frequency with higher order sectorization in urban macro cellular environment. , 2016, , .		4
8	Ultra-Low-Power Wide Range Backscatter Communication Using Cellular Generated Carrier. Sensors, 2021, 21, 2663.	3.8	4
9	Adaptive Physical Layer Selection for Bluetooth 5: Measurements and Simulations. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	1.2	3
10	A study about signal variation with minor receiver displacement in a meeting room at 60GHz: measurements and simulations. Eurasip Journal on Wireless Communications and Networking, 2021, , .	2.4	0
11	Arguments for One Radio Access Network (OneRAN) mobile infrastructure. Telecommunication Systems, 2022, 80, 477-486.	2.5	0