Rana Abbas

List of Publications by Year
in descending order

17	915	1163117	1474206
17 papers	**915** citations	**8** h-index	**9** g-index
17 all docs	**17** docs citations	**17** times ranked	**978** citing authors

#	Article	IF	Citations
1	Analysis and Design of Short Analog Fountain Codes for the Multiple Access Channel. IEEE Communications Letters, 2022, 26, 1454-1458.	4.1	0
2	Analysis and Design of Analog Fountain Codes for Short Packet Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 12662-12674.	6.3	6
3	Grant-Free Non-Orthogonal Multiple Access for IoT: A Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 1805-1838.	39.4	212
4	Fast Channel Estimation and Beam Tracking for Millimeter Wave Vehicular Communications. IEEE Access, 2019, 7, 141104-141118.	4.2	34
5	Novel Design for Short Analog Fountain Codes. IEEE Communications Letters, 2019, 23, 1306-1309.	4.1	20
6	Performance Analysis of Short Analog Fountain Codes. , 2019, , .		4
7	On the Design of Analog Fountain Codes for Short Packet Communications in 5G URLLC. , 2019, , .		3
8	Short Block-Length Codes for Ultra-Reliable Low Latency Communications. IEEE Communications Magazine, 2019, 57, 130-137.	6.1	232
9	A Novel Analytical Framework for Massive Grant-Free NOMA. IEEE Transactions on Communications, 2019, 67, 2436-2449.	7.8	97
10	Analysis and Evaluation of Random Access Transmission for UAV-Assisted Vehicular-to-Infrastructure Communications. IEEE Access, 2019, 7, 12427-12440.	4.2	11
11	Ultra-Reliable Low Latency Cellular Networks: Use Cases, Challenges and Approaches. IEEE Communications Magazine, 2018, 56, 119-125.	6.1	229
12	Random Access for M2M Communications With QoS Guarantees. IEEE Transactions on Communications, 2017, 65, 2889-2903.	7.8	45
13	On the performance of massive grant-free NOMA. , 2017, , .		11
14	Performance analysis and optimization of LT codes with unequal recovery time and intermediate feedback. , 2016, , .		6
15	Analysis on LT codes for unequal recovery time with complete and partial feedback. , 2016, , .		2
16	On SINR-Based Random Multiple Access Using Codes on Graph. , 2015, , .		3
17	On SINR-Based Random Multiple Access Using Codes on Graph. , 2014, , .		0