Onur Dizdar

List of Publications by Year in descending order

21 papers	380 citations	933447 10 h-index	1125743 13 g-index
21 all docs	21 docs citations	21 times ranked	180 citing authors

#	Article	IF	Citations
1	A High-Throughput Energy-Efficient Implementation of Successive Cancellation Decoder for Polar Codes Using Combinational Logic. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 436-447.	5.4	58
2	Rate-Splitting Multiple Access: A New Frontier for the PHY Layer of 6G. , 2020, , .		52
3	Rate-Splitting Multiple Access to Mitigate the Curse of Mobility in (Massive) MIMO Networks. IEEE Transactions on Communications, 2021, 69, 6765-6780.	7.8	50
4	Rate-Splitting Multiple Access for Downlink Multi-Antenna Communications: Physical Layer Design and Link-level Simulations. , 2020, , .		31
5	Rate-Splitting Multiple Access for Downlink Multiuser MIMO: Precoder Optimization and PHY-Layer Design. IEEE Transactions on Communications, 2022, 70, 874-890.	7.8	29
6	Rate-Splitting Multiple Access for 6Gâ€”Part III: Interplay With Reconfigurable Intelligent Surfaces. IEEE Communications Letters, 2022, 26, 2242-2246.	4.1	24
7	Rate-Splitting Multiple Access for 6Gâ€”Part I: Principles, Applications and Future Works. IEEE Communications Letters, 2022, 26, 2232-2236.	4.1	21
8	Rate-Splitting Multiple Access With Finite Blocklength for Short-Packet and Low-Latency Downlink Communications. IEEE Transactions on Vehicular Technology, 2022, 71, 12333-12337.	6.3	20
9	Rate-Splitting Multiple Access for Communications and Jamming in Multi-Antenna Multi-Carrier Cognitive Radio Systems. IEEE Transactions on Information Forensics and Security, 2022, 17, 628-643.	6.9	16
10	Rate-Splitting Multiple Access for Joint Radar-Communications with Low-Resolution DACs. , 2021, , .		15
11	Energy Efficient Dual-Functional Radar-Communication: Rate-Splitting Multiple Access, Low-Resolution DACs, and RF Chain Selection. IEEE Open Journal of the Communications Society, 2022, 3, 986-1006.	6.9	12
12	Blind Channel Estimation Based on the Lloyd-Max Algorithm in Narrowband Fading Channels and Partial-Band Jamming. IEEE Transactions on Communications, 2012, 60, 1986-1995.	7.8	10
13	Rate-Splitting Multiple Access for 6Gâ€”Part II: Interplay With Integrated Sensing and Communications. IEEE Communications Letters, 2022, 26, 2237-2241.	4.1	10
14	Rate-Splitting Multiple Access for Multigroup Multicast Cellular and Satellite Communications: PHY Layer Design and Link-Level Simulations. , 2021, , .		9
15	Rate-Splitting Multiple Access for Enhanced URLLC and eMBB in 6G: Invited Paper. , 2021, , .		9
16	Multi-user shared access in massive machine-type communication systems via superimposed waveforms. Physical Communication, 2019, 37, 100896.	2.1	7
17	Rate Splitting Multiple Access for Multi-Antenna Multi-Carrier Joint Communications and Jamming. , 2021, , .		3
18	A Complexity Reduction Method for Successive Cancellation List Decoding. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 655-659.	3.0	2

#	Article	IF	Citations
19	Performance of edge windowing for OFDM under non-linear power amplifier effects. , 2017, , .		1
20	An Uplink Non-Orthogonal Multiple Access Method Based on Frozen Bit Patterns of Polar Codes. IEEE Communications Letters, 2019, 23, 975-978.	4.1	1
21	Filtering for Uplink Non-Orthogonal Multiple Access with Imperfect Received Power Control. , 2019, , .		0