

Wen Xu

List of Publications by Year in descending order

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17
papers

245
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1307594

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17
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Bit-Level Probabilistically Shaped Coded Modulation. IEEE Communications Letters, 2017, 21, 1929-1932.	4.1	46
2	A Comparison of Channel Coding Schemes for 5G Short Message Transmission. , 2016, , .		38
3	Shaped Polar Codes for Higher Order Modulation. IEEE Communications Letters, 2018, 22, 252-255.	4.1	28
4	Probabilistic Shaping Using 5G New Radio Polar Codes. IEEE Access, 2019, 7, 22579-22587.	4.2	25
5	Downlink Training Sequence Design for FDD Multiuser Massive MIMO Systems. IEEE Transactions on Signal Processing, 2017, 65, 4732-4744.	5.3	24
6	Polar coded probabilistic amplitude shaping for short packets. , 2017, , .		21
7	Exploiting the Massive MIMO Channel Structural Properties for Minimization of Channel Estimation Error and Training Overhead. IEEE Access, 2019, 7, 32434-32452.	4.2	16
8	On the Amount of Downlink Training in Correlated Massive MIMO Channels. IEEE Transactions on Signal Processing, 2018, 66, 2286-2299.	5.3	10
9	Multi-Level Distribution Matching. IEEE Communications Letters, 2020, 24, 2015-2019.	4.1	9
10	Polar Codes with Integrated Probabilistic Shaping for 5G New Radio. , 2018, , .		7
11	Probabilistically Shaped Multi-Level Coding with Polar Codes for Fading Channels. , 2018, , .		5
12	<scp>Signal</scp> shaping using polar codes. Transactions on Emerging Telecommunications Technologies, 2020, 31, e4058.	3.9	4
13	Dirty Paper Coding Based on Polar Codes and Probabilistic Shaping. IEEE Communications Letters, 2021, 25, 3810-3813.	4.1	4
14	On Reciprocity in Physically Consistent TDD Systems With Coupled Antennas. IEEE Transactions on Wireless Communications, 2020, 19, 6440-6453.	9.2	3
15	Window-Interleaved Turbo Codes. IEEE Communications Letters, 2018, 22, 676-679.	4.1	2
16	On the Impact of the Mutual Reactance on the Radiated Power and on the Achievable Rates. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1179-1183.	3.0	2
17	FDD Multiuser Massive MIMO Systems with Adaptive Channel Covariance Feedback. , 2019, , .		1