Congzhe Cao

List of Publications by Year
in descending order

28	275	932766 10	1058022 14
papers	citations	h-index	g-index

28	28	28	205
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	EXIT-Aided Scheduled Iterative MIMO Detection Under Non-Homogeneous Antenna Propagation Gain Scenarios. IEEE Transactions on Vehicular Technology, 2022, 71, 10600-10614.	3.9	0
2	Reliable Broadcast Based on Online Fountain Codes. IEEE Communications Letters, 2021, 25, 369-373.	2.5	15
3	Synchronization of Variable-Length Constrained Sequence Codes. IEEE Access, 2021, 9, 45864-45878.	2.6	1
4	Weighted Online Fountain Codes With Limited Buffer Size and Feedback Transmissions. IEEE Transactions on Communications, 2021, 69, 7960-7973.	4.9	6
5	Novel Design of Irregular Polar Codes for Latency Reduction in Fast Polar Decoders. , 2021, , .		1
6	Design and Analysis of Online Fountain Codes for Intermediate Performance. IEEE Transactions on Communications, 2020, 68, 5313-5325.	4.9	15
7	Nested Construction of Polar Codes for Blind Detection. IEEE Wireless Communications Letters, 2020, 9, 711-715.	3.2	7
8	Analysis of irregular repetition spatially-coupled slotted ALOHA. Science China Information Sciences, 2019, 62, 1.	2.7	7
9	Low Complexity Polar Decoder for 5G Embb Control Channel. IEEE Access, 2019, 7, 50710-50717.	2.6	10
10	Multiple-Block Combined Decoding for Cell Search With Polar Codes. IEEE Access, 2019, 7, 71770-71779.	2.6	0
11	Deep Learning-Based Decoding of Constrained Sequence Codes. IEEE Journal on Selected Areas in Communications, 2019, 37, 2532-2543.	9.7	15
12	Minimal Sets for Capacity-Approaching Variable-Length Constrained Sequence Codes. IEEE Transactions on Communications, 2019, 67, 890-902.	4.9	12
13	Construction of Multi-State Capacity-Approaching Variable-Length Constrained Sequence Codes With State-Independent Decoding. IEEE Access, 2019, 7, 54746-54759.	2.6	7
14	Irregular Polar Coding for Complexity-Constrained Lightwave Systems. Journal of Lightwave Technology, 2018, 36, 2248-2258.	2.7	25
15	Deep Learning-Based Decoding for Constrained Sequence Codes. , 2018, , .		4
16	Performance Analysis and Improvement of Online Fountain Codes. IEEE Transactions on Communications, 2018, 66, 5916-5926.	4.9	15
17	Turbo Product Codes with Irregular Polar Coding for High-Throughput Parallel Decoding in Wireless OFDM Transmission. , 2018, , .		14
18	Secure transmission scheme for parallel relay channels based on polar coding. Tsinghua Science and Technology, 2018, 23, 357-365.	4.1	8

#	Article	IF	Citations
19	Capacity-Approaching Variable-Length Pearson Codes. IEEE Communications Letters, 2018, 22, 1310-1313.	2.5	9
20	Enhanced frameless slotted ALOHA protocol with Markov chains analysis. Science China Information Sciences, 2018, 61, 1.	2.7	8
21	On-Line Fountain Codes With Unequal Error Protection. IEEE Communications Letters, 2017, 21, 1225-1228.	2.5	18
22	Irregular Polar Coding for Multi-Level Modulation in Complexity-Constrained Lightwave Systems. , 2017, , .		7
23	Irregular Polar Coding for Massive MIMO Channels. , 2017, , .		18
24	Mitigation of Inter-Cell Interference in Flash Memory With Capacity-Approaching Variable-Length Constrained Sequence Codes. IEEE Journal on Selected Areas in Communications, 2016, 34, 2366-2377.	9.7	13
25	Construction of minimal sets for capacity-approaching variable-length constrained sequence codes. , 2016, , .		7
26	Improved Luby transform codes in low overhead regions for binary erasure channels. Transactions on Emerging Telecommunications Technologies, 2016, 27, 84-91.	2.6	3
27	Low complexity list successive cancellation decoding of polar codes. IET Communications, 2014, 8, 3145-3149.	1.5	24
28	An extended packetization-aware mapping algorithm for scalable video coding in finite-length fountain codes. Science China Information Sciences, 2013, 56, 1-10.	2.7	6