

Jie Cao

List of Publications by Year in descending order

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14
papers

90
citations

1684188

5
h-index

1872680

6
g-index

14
all docs

14
docs citations

14
times ranked

42
citing authors

#	ARTICLE	IF	CITATIONS
1	Independent Pilots Versus Shared Pilots: Short Frame Structure Optimization for Heterogeneous-Traffic URLLC Networks. IEEE Transactions on Wireless Communications, 2022, 21, 5755-5769.	9.2	6
2	Status Prediction for Age of Information Oriented Short-Packet Transmission in Industrial IoT. , 2022, , .		2
3	Age of Loop Oriented Wireless Networked Control System: Communication and Control Co-Design in the FBL Regime. , 2022, , .		4
4	Information Age-Delay Correlation and Optimization With Finite Block Length. IEEE Transactions on Communications, 2021, 69, 7236-7250.	7.8	16
5	Toward A Green Secure Relay System for Mission-Critical IoT: Hybrid Duplex Relay Selection and Resource Allocation in the Finite Block Length Regime. IEEE Transactions on Green Communications and Networking, 2021, , 1-1.	5.5	1
6	Closed-Form Aol Analysis for Dual-Queue Short-Block Transmission with Block Error. , 2021, , .		4
7	Can Aol and Delay be Minimized Simultaneously with Short-Packet Transmission?. , 2021, , .		8
8	Peak Aol vs. Delay: Closed-Form Analysis in the Finite Block Length Regime. , 2021, , .		0
9	Pilot Overhead vs. Pilot Power: Short Packet Structure Optimization for URLLC over Continuous Fading. , 2021, , .		1
10	Short Frame Structure Optimization for Industrial IoT with Heterogeneous Traffic and Shared Pilot. , 2020, , .		4
11	Parameter Measurement of M -Ary PSK Signals With Finite Rate of Innovation. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1271-1283.	4.7	12
12	Joint Block Length and Pilot Length Optimization for URLLC in the Finite Block Length Regime. , 2019, , .		12
13	Sub-Nyquist Sampling of BPSK Signals via Feedback Structure. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1471-1475.	3.0	7
14	A Simplified FRI Sampling System for Pulse Streams Based on Constraint Random Modulation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 256-260.	3.0	13