

Tao Huang

List of Publications by Year in descending order

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23
papers

300
citations

1163117

8
h-index

1199594

12
g-index

23
all docs

23
docs citations

23
times ranked

233
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of Irregular Repeat-Accumulate Coded Physical-Layer Network Coding for Gaussian Two-Way Relay Channels. IEEE Transactions on Communications, 2013, 61, 897-909.	7.8	50
2	Lattice Network Codes Based on Eisenstein Integers. IEEE Transactions on Communications, 2013, 61, 2713-2725.	7.8	41
3	Energy-Aware Coded Caching Strategy Design With Resource Optimization for Satellite-UAV-Vehicle-Integrated Networks. IEEE Internet of Things Journal, 2022, 9, 5799-5811.	8.7	30
4	Deep Instance Segmentation With Automotive Radar Detection Points. IEEE Transactions on Intelligent Vehicles, 2023, 8, 84-94.	12.7	28
5	Distance Spectrum and Performance of Channel-Coded Physical-Layer Network Coding for Binary-Input Gaussian Two-Way Relay Channels. IEEE Transactions on Communications, 2012, 60, 1499-1510.	7.8	27
6	Novel Design for Short Analog Fountain Codes. IEEE Communications Letters, 2019, 23, 1306-1309.	4.1	20
7	Outage Analysis of Non-Regenerative Analog Network Coding for Two-Way Multi-Hop Networks. IEEE Communications Letters, 2011, 15, 662-664.	4.1	13
8	Machine learning based optimization for vehicle-to-infrastructure communications. Future Generation Computer Systems, 2019, 94, 488-495.	7.5	12
9	Design of degrees of distribution of LDS-OFDM. , 2015, , .		10
10	Optimization of Data Exchange in 5G Vehicle-to-Infrastructure Edge Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 9376-9389.	6.3	9
11	On Lattice-Partition-Based Physical-Layer Network Coding over GF(4). IEEE Communications Letters, 2013, 17, 1988-1991.	4.1	8
12	Opportunistic pair-wise compute-and-forward in multi-way relay channels. , 2013, , .		8
13	Time Allocation Optimization and Trajectory Design in UAV-Assisted Energy and Spectrum Harvesting Network. IEEE Access, 2020, 8, 160537-160548.	4.2	7
14	Convergence analysis for channel-coded physical layer network coding in Gaussian two-way relay channels. , 2011, , .		6
15	Novel nested convolutional lattice codes for multi-way relaying systems over fading channels. , 2013, , .		6
16	Outage performance of analog network coding in generalized two-way multi-hop networks. , 2011, , .		5
17	Degrees of freedom of half-duplex MIMO multi-way relay channel with full data exchange. , 2014, , .		5
18	Optimal Pulse-Position Modulation Order and Transmit Power in Covert Communications. IEEE Transactions on Vehicular Technology, 2022, 71, 5570-5575.	6.3	5

#	ARTICLE	IF	CITATIONS
19	Advanced link-to-system modeling of MMSE-SIC receiver in MIMO-OFDM systems. , 2015, , .		4
20	Performance Analysis of Short Analog Fountain Codes. , 2019, , .		4
21	Analysis of compute-and-forward with QPSK in two-way relay fading channels. , 2013, , .		2
22	Distance Spectrum and Performance of Channel-Coded Physical-Layer Network Coding for Binary-Input Gaussian Two-Way Relay Channels. IEEE Transactions on Communications, 2012, 60, 1499-1510.	7.8	0
23	Global repair bandwidth cost optimization of generalized regenerating codes in clustered distributed storage systems. IET Communications, 2021, 15, 2469.	2.2	0