

Guosen Yue

List of Publications by Year in descending order

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38
papers

789
citations

516710

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642732

23
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38
all docs

38
docs citations

38
times ranked

579
citing authors

#	ARTICLE	IF	CITATIONS
1	User Grouping for Massive MIMO in FDD Systems: New Design Methods and Analysis. IEEE Access, 2014, 2, 947-959.	4.2	155
2	Generalized Low-Density Parity-Check Codes Based on Hadamard Constraints. IEEE Transactions on Information Theory, 2007, 53, 1058-1079.	2.4	67
3	Design of Rate-Compatible Irregular Repeat Accumulate Codes. IEEE Transactions on Communications, 2007, 55, 1153-1163.	7.8	57
4	LDPC Code Design for Half-Duplex Cooperative Relay. IEEE Transactions on Wireless Communications, 2008, 7, 4558-4567.	9.2	56
5	LDPC-coded cooperative relay systems: performance analysis and code design. IEEE Transactions on Communications, 2008, 56, 485-496.	7.8	49
6	Optimization of irregular repeat accumulate codes for MIMO systems with iterative receivers. IEEE Transactions on Wireless Communications, 2005, 4, 2843-2855.	9.2	37
7	Anti-jamming coding techniques with application to cognitive radio. IEEE Transactions on Wireless Communications, 2009, 8, 5996-6007.	9.2	30
8	Reconfigurable intelligent surface: design the channel "a new opportunity for future wireless networks. Digital Communications and Networks, 2022, 8, 87-104.	5.0	30
9	Concatenated zigzag hadamard codes. IEEE Transactions on Information Theory, 2006, 52, 1711-1723.	2.4	29
10	Coding-Spreading Tradeoff in LDPC-Coded CDMA With Turbo Multiuser Detection. IEEE Transactions on Wireless Communications, 2004, 3, 1734-1745.	9.2	24
11	Estimating the PDF of the SIC-MMSE equalizer output and its applications in designing LDPC codes with turbo equalization. IEEE Transactions on Wireless Communications, 2005, 4, 278-287.	9.2	24
12	Antijamming coding techniques. IEEE Signal Processing Magazine, 2008, 25, 35-45.	5.6	24
13	Analysis and optimization of a rateless coded joint relay system. IEEE Transactions on Wireless Communications, 2010, 9, 1175-1185.	9.2	23
14	Optimal Successive Group Decoders for MIMO Multiple-Access Channels. IEEE Transactions on Information Theory, 2008, 54, 4821-4846.	2.4	20
15	Analysis and Design of Finite-Length LDPC Codes. IEEE Transactions on Vehicular Technology, 2007, 56, 1321-1332.	6.3	19
16	A Transmission Protocol for a Cognitive Bidirectional Shared Relay System. IEEE Journal on Selected Topics in Signal Processing, 2011, 5, 160-170.	10.8	19
17	Design of Anti-Jamming Coding for Cognitive Radio. , 2007, , .		18
18	Optimization of LDPC-coded turbo CDMA systems. IEEE Transactions on Signal Processing, 2005, 53, 1500-1510.	5.3	13

#	ARTICLE	IF	CITATIONS
19	Message-Wise Unequal Error Protection Based on Low-Density Parity-Check Codes. IEEE Transactions on Communications, 2011, 59, 1019-1030.	7.8	13
20	Low-rate generalized low-density parity-check codes with hadamard constraints. , 2005, , .		11
21	Design of Efficient ARQ Schemes with Anti-Jamming Coding for Cognitive Radios. , 2009, , .		9
22	LDPC code design for turbo equalization. , 0, , .		8
23	Ira code design for mimo systems with iterative receivers. , 0, , .		6
24	Low-Rate Repeat-Zigzag-Hadamard Codes. IEEE Transactions on Information Theory, 2008, 54, 531-543.	2.4	6
25	A new binary iterative LDPC decoding algorithm. , 2008, , .		6
26	Efficient Beamforming Training and Limited Feedback Precoding for Massive MIMO Systems. IEEE Journal on Selected Areas in Communications, 2020, 38, 2197-2214.	14.0	6
27	Performance Analysis and Code Design for Cooperative Relay Channels. , 2006, , .		5
28	Design of Network Coding for Wireless Broadcast and Multicast With Optimal Decoders. IEEE Transactions on Wireless Communications, 2018, 17, 6944-6957.	9.2	5
29	LDPC code design for MMSE turbo equalization. , 0, , .		4
30	Efficient ARQ protocols with anti-jamming coding for cognitive radios. Wireless Communications and Mobile Computing, 2009, 9, 1472-1486.	1.2	3
31	Iterative MMSE-SIC receiver with low-complexity soft symbol and residual interference estimations. , 2013, , .		3
32	Design of low density parity check codes for turbo multiuser detection. , 0, , .		2
33	Low-Rate Repeat-Zigzag-Hadamard Codes. , 2006, , .		2
34	CTH13-1: Design of Multiplexed Coding for User Cooperation. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
35	Generalized JSDM with Enhanced Interference Management for Massive MIMO Systems. , 2019, , .		2
36	Design of Binary Network Coding for Wireless Broadcast. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
37	A Novel Rate Combining Model for Coded Modulation with Applications to Power Allocation. , 2021, , .		1
38	Adaptive Grouped Physical Layer Multicast and Beamforming for Massive MIMO. , 2020, , .		0