

Masoud Salehi

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

250
citations

1307594

7
h-index

1199594

12
g-index

51
all docs

51
docs citations

51
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Turbo Coded Modulation for Unequal Error Protection. IEEE Transactions on Communications, 2008, 56, 555-564.	7.8	37
2	On the capacity of rate-adaptive packetized wireless communication links under jamming. , 2012, , .		28
3	On the Performance of Adaptive Packetized Wireless Communication Links Under Jamming. IEEE Transactions on Wireless Communications, 2014, 13, 3481-3495.	9.2	23
4	Quasi-cyclic ldpc code design for block-fading channels. , 2010, , .		20
5	Linearly Constrained Bimatrix Games in Wireless Communications. IEEE Transactions on Communications, 2016, 64, 429-440.	7.8	16
6	Low-Complexity Coordinated Interference-Aware Beamforming for MIMO Broadcast Channels. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	12
7	Large-Scale Analysis of Regularized Block Diagonalization Precoding for Physical Layer Security of Multi-User MIMO Wireless Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 5820-5834.	6.3	10
8	Performance Bounds for Unequal Error Protecting Turbo Codes. IEEE Transactions on Communications, 2009, 57, 1215-1220.	7.8	9
9	Large-Scale Analysis of Physical-Layer Security in Multi-User Wireless Networks. IEEE Transactions on Communications, 2018, 66, 6450-6462.	7.8	8
10	Autonomic Coordinated Beamforming for Multi-user MIMO-BC. , 2006, , .		6
11	Limiting the Propagation of Localization Errors in Multi-hop Wireless Networks. , 0, , .		6
12	Performance Analysis of Sliding Window Turbo Decoding Algorithms for 3GPP FDD Mode. International Journal of Wireless Information Networks, 2002, 9, 39-54.	2.7	5
13	Design of bilayer lengthened LDPC codes for Rayleigh fading relay channels. , 2011, , .		5
14	Output decisions for stochastic LDPC decoders. , 2014, , .		5
15	A New Full Rate Full Diversity Orthogonal Space-Time Block Code for Three Transmit Antennas. , 2007, , .		4
16	An efficient decoding algorithm for concatenated RS-convolutional codes. , 2009, , .		4
17	A scaling method for stochastic LDPC decoding over the binary symmetric channel. , 2013, , .		4
18	Packetized wireless communication under jamming, a constrained bimatrix game. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	Large scale analysis of physical layer security in multi-user wireless networks. , 2017, , .		4
20	Superposition coding in an adversarial environment. , 2011, , .		3
21	Implementation Issues in Turbo Decoding for 3GPP FDD Receiver. Wireless Personal Communications, 2006, 39, 165-182.	2.7	2
22	A New Full Rate Space Time Block Code for Three Transmit Antenna Systems. , 2006, , .		2
23	Capacity Bounds and Rate-Distortion-Analysis in Dither Vector QIM Watermarking With JPEG and JPEG2000 Attack. , 2006, , .		2
24	An Orthogonal Full Rate Full Diversity Space Time Block Code for Four Transmit Antenna Systems. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	2
25	Optimal Interleaver Design for Short Block-length Turbo Codes. , 2007, , .		2
26	A new finger placement algorithm for the Generalized RAKE receiver. , 2008, , .		2
27	A Markov chain model for Edge Memories in stochastic decoding of LDPC codes. , 2011, , .		2
28	Design of complexity-optimized bilayer lengthened LDPC codes for relay channels. , 2011, , .		2
29	Coded MIMO systems with modulation diversity for block-fading channels. , 2012, , .		2
30	On the performance of multi-layer superposition coding scheme under constrained jamming. , 2013, , .		2
31	Trapping sets in stochastic LDPC decoders. , 2015, , .		2
32	A hybrid ARQ scheme using LDPC codes with stochastic decoding. , 2015, , .		2
33	Large Scale Analysis of RBD Precoding for Physical Layer Security in Multi-User Wireless Networks. , 2017, , .		2
34	Adaptive quantization for fading channels with feedback. International Journal of Wireless Information Networks, 1995, 2, 83-90.	2.7	1
35	Improved computational efficiency in derivation of capacity regions in network information theory. Computers and Electrical Engineering, 1996, 22, 247-256.	4.8	1
36	Signalling enhancement on multilevel turbo codes. International Journal of Communication Systems, 2008, 21, 791-798.	2.5	1

#	ARTICLE	IF	CITATIONS
37	A lattice precoding scheme for flat-fading MIMO channels. , 2008, , .		1
38	A new BC-BICM scheme for block-fading channels. , 2008, , .		1
39	Joint Multilevel Turbo Equalization and Continuous Phase Frequency Shift Keying. Eurasip Journal on Wireless Communications and Networking, 2009, 2008, , .	2.4	1
40	On the performance of complexity-optimized bilayer lengthened LDPC codes for relay channels. , 2012, , .		1
41	Cooperative communication using protograph-based low-density parity-check codes. , 2013, , .		1
42	A Family of Orthogonal Full Rate Differential Space Time Block Code Systems. , 2014, , .		1
43	Quadratic program solution of communication links under jamming. , 2014, , .		1
44	A low-latency algorithm for stochastic decoding of LDPC codes. , 2015, , .		1
45	Chip-Level Coordinated Interference-Aware Beamforming for MIMO-CDMA in Frequency-Selective Broadcast Channels. , 2007, , .		0
46	A Lattice Precoding for Flat-Fading MIMO Channels Based on Eigenvalue Decomposition. , 2008, , .		0
47	Nonlinear turbo TCM schemes over AWGN and Rayleigh fading channels. , 2010, , .		0
48	Turbo coded BICM scheme with iterative detection for MIMO block-fading channels. , 2011, , .		0
49	Jamming games against multi-rate superposition coding transmitters. , 2012, , .		0
50	Physical Layer Security in Multi-User Wireless Networks: Interference Effect on Large Scale Analysis. , 2020, , .		0