Tongtong Li

List of Publications by Year
in descending order

95 papers	825 citations	623734 14 h-index	610901 24 g-index
96 all docs	96 docs citations	96 times ranked	613 citing authors

#	Article	IF	Citations
1	-MABE: Distributed Multilevel Attribute-Based EMR Management and Applications. IEEE Transactions on Services Computing, 2022, 15, 1592-1605.	4.6	9
2	Feasible Region of Secure and Distributed Data Storage in Adversarial Networks. IEEE Internet of Things Journal, 2022, 9, 8980-8988.	8.7	0
3	Brain information processing capacity modeling. Scientific Reports, 2022, 12, 2174.	3.3	6
4	<i>d</i>-BAME: Distributed Blockchain-Based Anonymous Mobile Electronic Voting. IEEE Internet of Things Journal, 2021, 8, 16585-16597.	8.7	26
5	Secure OFDM System Design and Capacity Analysis Under Disguised Jamming. IEEE Transactions on Information Forensics and Security, 2020, 15, 738-752.	6.9	12
6	Bitcoin and Blockchain: Security and Privacy. IEEE Internet of Things Journal, 2020, 7, 10288-10313.	8.7	77
7	Beyond the MDS Bound in Distributed Cloud Storage. IEEE Transactions on Information Theory, 2020, 66, 3957-3975.	2.4	3
8	On the Discreteness of the Worst Jamming Distribution for SP-OFDM. IEEE Transactions on Information Forensics and Security, 2020, 15, 2884-2897.	6.9	0
9	Anonymous and Coercion-Resistant Distributed Electronic Voting. , 2020, , .		8
10	Secure and Efficient OFDM System Design under Disguised Jamming. , 2020, , .		0
11	Blocking Probability Analysis for Relay-Assisted OFDMA Networks using Stochastic Geometry. , 2019, , .		2
12	Malicious Link Detection in Multi-Hop Wireless Sensor Networks. , 2019, , .		1
13	End-to-End Throughput in Multihop Wireless Networks With Random Relay Deployment. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 613-625.	2.8	6
14	Decoding Behavioral Accuracy in an Attention Task Using Brain fMRI Data. , 2018, , .		0
15	The Worst Jamming Distribution for Securely Precoded OFDM. , 2018, , .		2
16	Classification of Alzheimer's Disease, Mild Cognitive Impairment and Normal Control Subjects Using Resting-State fMRI Based Network Connectivity Analysis. IEEE Journal of Translational Engineering in Health and Medicine, 2018, 6, 1-9.	3.7	18
17	The Relationship of Discrete DCM and Directed Information in fMRI-Based Causality Analysis. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2018, 4, 3-13.	2.1	1
18	End-to-End Delay in Multi-Hop Wireless Networks With Random Relay Deployment. , 2018, , .		0

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19	Enhanced CDMA System with Secure Scrambling. , 2018, , 15-44.		0
20	Securely Precoded OFDM. , 2018, , 121-154.		0
21	Optimal Construction of Regenerating Code Through Rate-Matching in Hostile Networks. IEEE Transactions on Information Theory, 2017, 63, 4414-4429.	2.4	4
22	Physical layer security of multiband communications under hostile jamming. , 2017, , .		1
23	Mobile Access Coordinated Wireless Sensor Networksâ€"Design and Analysis. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 172-186.	2.8	6
24	CDMA System Design and Capacity Analysis Under Disguised Jamming. IEEE Transactions on Information Forensics and Security, 2016, 11, 2487-2498.	6.9	22
25	Robust CDMA receiver design under disguised jamming. , 2016, , .		2
26	Error probability analysis for LDA-Bayesian based classification of Alzheimer's disease and normal control subjects. , 2016, , .		0
27	Optimal Multiband Transmission Under Hostile Jamming. IEEE Transactions on Communications, 2016, 64, 4013-4027.	7.8	27
28	Causality Analysis of fMRI Data Based on the Directed Information Theory Framework. IEEE Transactions on Biomedical Engineering, 2016, 63, 1002-1015.	4.2	7
29	Reliable Communications over Multihop Networks under Routing Attacks. , 2015, , .		2
30	Hybrid mobile access coordinated wireless sensor networks — Design and analysis. , 2015, , .		0
31	Subband PUEA Detection and Mitigation in OFDM-Based Cognitive Radio Networks. IEEE Transactions on Information Forensics and Security, 2015, 10, 2131-2142.	6.9	15
32	Energy Harvesting for Two-Way OFDM Communications under Hostile Jamming. IEEE Signal Processing Letters, 2015, 22, 413-416.	3.6	22
33	Cost-Aware SEcure Routing (CASER) Protocol Design for Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 960-973.	5.6	53
34	Sub-band detection of primary user emulation attacks in OFDM-based cognitive radio networks. , 2014, , .		1
35	Precoding for OFDM under disguised jamming. , 2014, , .		9
36	Throughput analysis and routing security discussions of mobile access coordinated wireless sensor networks. , 2014, , .		7

#	ARTICLE	IF	CITATIONS
37	Beyond the MDS bound in distributed cloud storage. , 2014, , .		14
38	Defense Against Primary User Emulation Attacks in Cognitive Radio Networks Using Advanced Encryption Standard. IEEE Transactions on Information Forensics and Security, 2014, 9, 772-781.	6.9	78
39	Reliable Communications over Multihop Networks under Routing Attacks. , 2014, , .		1
40	Anti-Jamming Message-Driven Frequency Hopping—Part I: System Design. IEEE Transactions on Wireless Communications, 2013, 12, 70-79.	9.2	63
41	Anti-Jamming Message-Driven Frequency Hopping—Part II: Capacity Analysis Under Disguised Jamming. IEEE Transactions on Wireless Communications, 2013, 12, 80-88.	9.2	37
42	Combating network pollution attacks: A cascaded error-control coding approach. , 2013, , .		0
43	Architecture design of mobile access coordinated wireless sensor networks. , 2013, , .		8
44	Mitigating primary user emulation attacks in cognitive radio networks using advanced encryption standard. , 2013, , .		17
45	A highly efficient multi-carrier transmission scheme with message-driven idle subcarriers. , 2013, , .		0
46	Characterization of linear network coding for pollution detection. , 2012, , .		1
47	Quantitative security and efficiency analysis of SEAR in wireless sensor networks. , 2012, , .		0
48	Reliable OFDM system design under hostile multi-tone jamming. , 2012, , .		7
49	Time-Varying Jamming Modeling and Classification. IEEE Transactions on Signal Processing, 2012, 60, 3902-3907.	5.3	6
50	Reliable data fusion in wireless sensor networks under Byzantine attacks. , 2011, , .		10
51	Cooperative sensing in cognitive networks under malicious attack. , 2011, , .		22
52	Spectrally Efficient Jamming Mitigation Based on Code-Controlled Frequency Hopping. IEEE Transactions on Wireless Communications, 2011, 10, 728-732.	9.2	21
53	Resource Allocation with Load Balancing for Cognitive Radio Networks. , 2010, , .		13
54	Code-controlled 3D frequency hopping for jamming mitigation. , 2010, , .		0

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55	Jamming resistance reinforcement of message-driven frequency hopping. , 2010, , .		2
56	On PHY-layer security of cognitive radio: Collaborative sensing under malicious attacks. , 2010, , .		13
57	Performance of QO-STBC-OFDM in partial-band noise jamming. , 2010, , .		4
58	Message-driven frequency hopping: Design and analysis. IEEE Transactions on Wireless Communications, 2009, 8, 1773-1782.	9.2	33
59	Jamming mitigation using space-time coded collision-free frequency hopping. , 2009, , .		2
60	Jamming Mitigation Techniques Based on Message-Driven Frequency Hopping. , 2009, , .		3
61	Jamming mitigation based on coded message-driven frequency hopping. , 2009, , .		1
62	Anonymous communications in overlay networks. , 2008, , .		3
63	Blind-Channel Estimation for MIMO Systems With Structured Transmit Delay Scheme. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 2344-2355.	5.4	5
64	Space-time coded collision-free frequency hopping in hostile jamming. , 2008, , .		4
65	On the Stability of Hybrid ALOHA. , 2007, , .		1
66	Physical Layer Built-In Security Analysis and Enhancement Algorithms for CDMA Systems. Eurasip Journal on Wireless Communications and Networking, 2007, 2007, 1.	2.4	13
67	A Spectrally Efficient Frequency Hopping System. , 2007, , .		9
68	A Spectrally Efficient Frequency Hopping Scheme. , 2007, , .		3
69	Source-Aware Nonuniform Information Transmission for Minimum Distortion. IEEE Signal Processing Letters, 2007, 14, 85-88.	3.6	1
70	Channel Tracking and Signal Detection for MC-CDMA in a Time-Varying Environment. IEEE Transactions on Vehicular Technology, 2007, 56, 3613-3620.	6.3	1
71	Spectrally Efficient Frequency Hopping System Design for Wireless Networks. , 2007, , .		6
72	An energy efficient link-layer security protocol for wireless sensor networks. , 2007, , .		21

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73	Hybrid ALOHA: A Novel MAC Protocol. IEEE Transactions on Signal Processing, 2007, 55, 5821-5832.	5.3	24
74	Spectrally Efficient Frequency Hopping System Design forWireless Networks. , 2007, , .		0
75	A Topology-Aware Routing Protocol for the MANET with Multiple Sinks. , 2006, , .		0
76	Efficiency Improvement for Alamouti Codes. , 2006, , .		6
77	Channel Tracking and Signal Detection for MC-CDMA in Time-Varying Environment. , 2006, , .		0
78	Source-Aware Non-Uniform Transmission for Minimum Distortion. , 2006, , .		0
79	Blind detection of multirate asynchronous CDMA signals using super-exponential methods. IEEE Signal Processing Letters, 2005, 12, 218-221.	3.6	1
80	Blind channel estimation for MIMO systems with structured transmit delay diversity. , 2005, , .		0
81	Physical layer built-in security enhancement of DS-CDMA systems using secure block interleaving. , 2005, , .		3
82	Channel identification and signal separation for long-code CDMA systems using multistep linear prediction method. , 2004, , .		0
83	Super-Exponential Methods for Blind Detection of Asynchronous CDMA Signals Over Multipath Channels. IEEE Transactions on Wireless Communications, 2004, 3, 1379-1385.	9.2	6
84	CDMA physical layer built-in security enhancement. , 2003, , .		3
85	A generalized framework - periodically scrambled CDMA. , 0, , .		0
86	Blind detection of multirate asynchronous CDMA signals using super-exponential methods. , 0, , .		0
87	Design of pseudo-random spreading sequences for CDMA systems. , 0, , .		1
88	Space-Time Diversity Design for Blind Estimation and Equalization over Frequency Selective Channels. , 0, , .		3
89	Blind Channel Estimation for MIMO Systems with Structured Transmit Delay Scheme. , 0, , .		0
90	A Cryptographically Secure Image Watermarking Scheme. , 0, , .		0

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91	A Power Efficient Link-Layer Security Protocol (LLSP) for Wireless Sensor Networks. , 0, , .		3
92	A New Multicarrier CDMA System Exploiting Frequency-Time Diversities. , 0, , .		0
93	Hybrid Aloha: A Novel Medium Access Control Protocol. , 0, , .		2
94	Signal Detection and Abrupt-Channel Tracking for MC-CDMA. , 0, , .		0
95	Blind MIMO Channel Estimation Based on Structured Transmit Delay. , 0, , .		0