

Lei Xie

List of Publications by Year in descending order

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67
papers

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67
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-Difference-of-Arrival-Based Localization Methods of Underwater Mobile Nodes Using Multiple Surface Beacons. <i>IEEE Access</i> , 2021, 9, 31712-31725.	4.2	27
2	An Improved CDMA-Based MAC Protocol for Underwater Acoustic Wireless Sensor Networks. , 2011, , .		24
3	A User Authentication Scheme Based on Elliptic Curves Cryptography for Wireless Ad Hoc Networks. <i>Sensors</i> , 2015, 15, 17057-17075.	3.8	22
4	Improved Decoding Algorithm of Bit-Interleaved Coded Modulation for LDPC Code. <i>IEEE Transactions on Broadcasting</i> , 2010, 56, 103-109.	3.2	19
5	An artificial-neural-network-based QoE estimation model for Video streaming over wireless networks. , 2013, , .		15
6	DCO-MAC: A Hybrid MAC Protocol for Data Collection in Underwater Acoustic Sensor Networks. <i>Sensors</i> , 2018, 18, 2300.	3.8	14
7	A Location Privacy Preservation Method Based on Dummy Locations in Internet of Vehicles. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4594.	2.5	14
8	Reputation-based collaborative spectrum sensing algorithm in Cognitive Radio networks. , 2009, , .		12
9	Ergodic Channel Capacity Analysis of Downlink in the Hybrid Satellite-Terrestrial Cooperative System. <i>Wireless Personal Communications</i> , 2017, 96, 3799-3815.	2.7	12
10	Improved One-Way Hash Chain and Revocation Polynomial-Based Self-Healing Group Key Distribution Schemes in Resource-Constrained Wireless Networks. <i>Sensors</i> , 2014, 14, 24358-24380.	3.8	11
11	Reputation-based linear cooperation for spectrum sensing in cognitive radio networks. <i>Journal of Zhejiang University: Science A</i> , 2009, 10, 1688-1695.	2.4	8
12	Performance analysis of hybrid ARQ schemes in underwater acoustic networks. , 2014, , .		8
13	A Handoff Decision Algorithm in Heterogeneous Wireless Networks with Parallel Transmission Capability. , 2011, , .		7
14	Analysis of primary user emulation attack with motional secondary users in cognitive radio networks. , 2012, , .		7
15	Maximum-minimum eigenvalue detection-based method to mitigate the effect of the PUEA in cognitive radio networks. , 2011, , .		6
16	On detecting primary user emulation attack using channel impulse response in the cognitive radio network. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2017, 18, 1665-1676.	2.6	6
17	Precision-improved Passive Localization Method in the Underwater Multipath Environment. , 2019, , .		6
18	A novel 3780-point FFT processor scheme for the time domain synchronous OFDM system. <i>Journal of Zhejiang University: Science C</i> , 2011, 12, 1021-1030.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Cooperative Primary User Emulation Attack and Defense in Cognitive Radio Networks. , 2011, , .		5
20	Effective capacity region in a wireless multiuser OFDMA network. , 2012, , .		5
21	No-Reference QoE Prediction Model for Video Streaming Service in 3G Networks. , 2012, , .		5
22	Fault-Tolerant Cooperative Spectrum Sensing Scheme for Cognitive Radio Networks. Wireless Personal Communications, 2013, 71, 2379-2397.	2.7	5
23	Learning-Based Cooperative False Data Injection Attack and Its Mitigation Techniques in Consensus-Based Distributed Estimation. IEEE Access, 2020, 8, 166852-166869.	4.2	5
24	An MDP-based handoff decision algorithm for multi-domain heterogeneous wireless access networks. , 2010, , .		4
25	Funneling media access control (MAC) protocol for underwater acoustic sensor networks. Journal of Zhejiang University: Science C, 2011, 12, 932-941.	0.7	4
26	Reputation-based hierarchically cooperative spectrum sensing scheme in cognitive radio networks. , 2013, , .		4
27	Bionic Covert Underwater Acoustic Communication Based on Timeâ€“Frequency Contour of Bottlenose Dolphin Whistle. Entropy, 2022, 24, 720.	2.2	4
28	A color interpolation algorithm for Bayer pattern digital cameras based on green components and color difference space. , 2010, , .		3
29	Cooperative spectrum sensing scheme with light communication overhead in cognitive radio networks. , 2010, , .		3
30	An identity authentication scheme in wireless peer-to-peer network. , 2010, , .		3
31	A Reliable Collaborative Spectrum Sensing Scheme Based on the ROCQ Reputation Model for Cognitive Radio Networks. , 2012, , .		3
32	A User-Preference-Aware Terminal-Controlled Access Network Selection Scheme in Heterogeneous Wireless Networks. , 2013, , .		3
33	On the use of sliding LT code in underwater acoustic real-time data transfer with high propagation latency. , 2014, , .		3
34	A Secure Communication Protocol between Sensor Nodes and Sink Node in Underwater Acoustic Sensor Networks. , 2021, , .		3
35	An efficient algebraic predistorter for compensating the nonlinearity of memory amplifiers. , 2010, , .		2
36	Multi-User Multi-Service Rate Allocation Scheme Using Nash Bargaining Solution. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
37	A color interpolation scheme based on improved bilinear scheme for Bayer CFA digital cameras. , 2012, , .		2
38	Resource Allocation Schemes for the Heterogeneous OFDMA System with Multiple Ad Hoc Relays. Wireless Personal Communications, 2013, 69, 487-508.	2.7	2
39	A primary user emulation attack detection scheme in cognitive radio network with mobile secondary user. , 2016, , .		2
40	Efficient Noisy Data Transmission Using Denoising Autoencoder in Internet of Things. , 2021, , .		2
41	Retransmission in the network-coding-based packet network. Journal of Zhejiang University: Science C, 2010, 11, 544-554.	0.7	1
42	Cross-Layer Design for Wireless Video Stream Transmission. , 2010, , .		1
43	Cross-Layer Design for Video Stream Transmission in the Mobile Environment. , 2010, , .		1
44	A multi-source multi-destination multiple description video transmission scheme in wireless ad hoc networks. , 2010, , .		1
45	Self-Healing Key Distribution Scheme Based on the Key-Chain Tree in Unreliable Wireless Networks. , 2011, , .		1
46	Optimized iterative WFTA method for the 3780-point FFT scheme. , 2011, , .		1
47	A low-complexity fuzzy-logic-control-based vertical handoff decision algorithm with rough set theory. , 2013, , .		1
48	Optimal Byzantine attack strategy for distributed localisation with M -ary quantised data. Electronics Letters, 2015, 51, 2158-2160.	1.0	1
49	WRUMAC: A Waiting-Resource-Utilized MAC Protocol for Underwater Acoustic Sensor Network. , 2018, , .		1
50	A Quality-driven Bit Rate Adaptation Method for Dynamic Adaptive Streaming over HTTP. , 2018, , .		1
51	Temporal Tracking of Ocean Current Field Using the Underwater Acoustic Sensor Network. , 2018, , .		1
52	Secrecy Throughput Optimization in the Buffer-aided MIMO Full-Duplex Relaying System. , 2019, , .		1
53	Bio-inspired Covert Underwater Acoustic Communication Using Cetacean Whistle. , 2021, , .		1
54	Bionic Covert Underwater Acoustic Communication Based on Dolphin Whistle with Time-delay. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
55	Reliability of Full-freedom Underwater MI Communication Using Tri-directional Receiving Antenna. , 2021, , .		1
56	A DNS-pertinent routing algorithm with the maximum network revenue in the content distribution networks. , 0, , .		0
57	Multilevel Coding with a Class of Decomposable Finite-Geometry LDPC Codes. , 2008, , .		0
58	Retransmission strategies of the generation-based network coding in packet networks. , 2009, , .		0
59	Near Optimal BP Algorithm for LDPC-Coded BICM System with EXIT Analysis. , 2010, , .		0
60	An efficient equivalent channel model for LDPC coded BICM-ID system. , 2011, , .		0
61	A network selection approach based on network coding in heterogeneous wireless networks. , 2011, , .		0
62	A rate allocation scheme with inter-session network coding in wireless networks. , 2012, , .		0
63	Distributed Rate Allocation Algorithms in the Emergency Communication over Heterogeneous Wireless Networks. , 2012, , .		0
64	A novel rateless coding scheme with gradually incremental degree under feedback. , 2014, , .		0
65	Distributed Target Tracking under Byzantine Data Attacks. , 2017, , .		0
66	Impact of playout buffer dynamics on the QoE of wireless adaptive HTTP progressive video. ETRI Journal, 2021, 43, 447-458.	2.0	0
67	A Topology Optimization Method for Reducing Communication Overhead in the Kalman Consensus Filter. Applied Sciences (Switzerland), 2021, 11, 7107.	2.5	0