Lei Xie

List of Publications by Year
in descending order

		1163117	1199594
67	312	8	12
papers	citations	h-index	g-index
67	67	67	306
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bionic Covert Underwater Acoustic Communication Based on Time–Frequency Contour of Bottlenose Dolphin Whistle. Entropy, 2022, 24, 720.	2.2	4
2	Time-Difference-of-Arrival-Based Localization Methods of Underwater Mobile Nodes Using Multiple Surface Beacons. IEEE Access, 2021, 9, 31712-31725.	4.2	27
3	Impact of playout buffer dynamics on the QoE of wireless adaptive HTTP progressive video. ETRI Journal, 2021, 43, 447-458.	2.0	0
4	A Location Privacy Preservation Method Based on Dummy Locations in Internet of Vehicles. Applied Sciences (Switzerland), 2021, 11, 4594.	2.5	14
5	A Secure Communication Protocol between Sensor Nodes and Sink Node in Underwater Acoustic Sensor Networks. , 2021, , .		3
6	A Topology Optimization Method for Reducing Communication Overhead in the Kalman Consensus Filter. Applied Sciences (Switzerland), 2021, 11, 7107.	2.5	0
7	Bio-inspired Covert Underwater Acoustic Communication Using Cetacean Whistle. , 2021, , .		1
8	Efficient Noisy Data Transmission Using Denoising Autoencoder in Internet of Things. , 2021, , .		2
9	Bionic Covert Underwater Acoustic Communication Based on Dolphin Whistle with Time-delay. , 2021, , .		1
10	Reliability of Full-freedom Underwater MI Communication Using Tri-directional Receiving Antenna. , 2021, , .		1
11	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
12	Secrecy Throughput Optimization in the Buffer-aided MIMO Full-Duplex Relaying System. , 2019, , .		1
13	Precision-improved Passive Localization Method in the Underwater Multipath Environment. , 2019, , .		6
14	WRUMAC: A Waiting-Resouce-Utilized MAC Protocol for Underwater Acoustic Sensor Network. , 2018, , .		1
15	A Quality-driven Bit Rate Adaptation Method for Dynamic Adaptive Streaming over HTTP. , 2018, , .		1
16	Temporal Tracking of Ocean Current Field Using the Underwater Acoustic Sensor Network. , 2018, , .		1
17	DCO-MAC: A Hybrid MAC Protocol for Data Collection in Underwater Acoustic Sensor Networks. Sensors, 2018, 18, 2300.	3.8	14
18	Ergodic Channel Capacity Analysis of Downlink in the Hybrid Satellite-Terrestrial Cooperative System. Wireless Personal Communications, 2017, 96, 3799-3815.	2.7	12

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19	On detecting primary user emulation attack using channel impulse response in the cognitive radio network. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 1665-1676.	2.6	6
20	Distributed Target Tracking under Byzantine Data Attacks. , 2017, , .		0
21	A primary user emulation attack detection scheme in cognitive radio network with mobile secondary user. , 2016, , .		2
22	A User Authentication Scheme Based on Elliptic Curves Cryptography for Wireless Ad Hoc Networks. Sensors, 2015, 15, 17057-17075.	3.8	22
23	Optimal Byzantine attack strategy for distributed localisation with M â€ary quantised data. Electronics Letters, 2015, 51, 2158-2160.	1.0	1
24	Performance analysis of hybrid ARQ schemes in underwater acoustic networks. , 2014, , .		8
25	Improved One-Way Hash Chain and Revocation Polynomial-Based Self-Healing Group Key Distribution Schemes in Resource-Constrained Wireless Networks. Sensors, 2014, 14, 24358-24380.	3.8	11
26	On the use of sliding LT code in underwater acoustic real-time data transfer with high propagation latency. , 2014, , .		3
27	A novel rateless coding scheme with gradually incremental degree under feedback. , 2014, , .		0
28	Fault-Tolerant Cooperative Spectrum Sensing Scheme for Cognitive Radio Networks. Wireless Personal Communications, 2013, 71, 2379-2397.	2.7	5
29	Resource Allocation Schemes for the Heterogeneous OFDMA System with Multiple Ad Hoc Relays. Wireless Personal Communications, 2013, 69, 487-508.	2.7	2
30	A low-complexity fuzzy-logic-control-based vertical handoff decision algorithm with rough set theory. , 2013, , .		1
31	A User-Preference-Aware Terminal-Controlled Access Network Selection Scheme in Heterogeneous Wireless Networks. , 2013, , .		3
32	Reputation-based hierarchically cooperative spectrum sensing scheme in cognitive radio networks. , 2013, , .		4
33	An artificial-neural-network-based QoE estimation model for Video streaming over wireless networks. , 2013, , .		15
34	Effective capacity region in a wireless multiuser OFDMA network. , 2012, , .		5
35	A Reliable Collaborative Spectrum Sensing Scheme Based on the ROCQ Reputation Model for Cognitive Radio Networks. , 2012, , .		3
36	Analysis of primary user emulation attack with motional secondary users in cognitive radio networks. , 2012, , .		7

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37	A rate allocation scheme with inter-session network coding in wireless networks. , 2012, , .		0
38	Distributed Rate Allocation Algorithms in the Emergency Communication over Heterogeneous Wireless Networks. , 2012, , .		0
39	No-Reference QoE Prediction Model for Video Streaming Service in 3G Networks. , 2012, , .		5
40	A color interpolation scheme based on improved bilinear scheme for Bayer CFA digital cameras. , 2012, , .		2
41	An Improved CDMA-Based MAC Protocol for Underwater Acoustic Wireless Sensor Networks. , 2011, , .		24
42	A Handoff Decision Algorithm in Heterogeneous Wireless Networks with Parallel Transmission Capability. , 2011, , .		7
43	Maximum-minimum eigenvalue detection-based method to mitigate the effect of the PUEA in cognitive radio networks. , 2011, , .		6
44	Funneling media access control (MAC) protocol for underwater acoustic sensor networks. Journal of Zhejiang University: Science C, 2011, 12, 932-941.	0.7	4
45	A novel 3780-point FFT processor scheme for the time domain synchronous OFDM system. Journal of Zhejiang University: Science C, 2011, 12, 1021-1030.	0.7	5
46	An efficient equivalent channel model for LDPC coded BICM-ID system. , 2011, , .		0
47	A network selection approach based on network coding in heterogeneous wireless networks. , 2011, , .		0
48	Cooperative Primary User Emulation Attack and Defense in Cognitive Radio Networks. , 2011, , .		5
49	Multi-User Multi-Service Rate Allocation Scheme Using Nash Bargaining Solution. , 2011, , .		2
50	Self-Healing Key Distribution Scheme Based on the Key-Chain Tree in Unreliable Wireless Networks. , 2011, , .		1
51	Optimized iterative WFTA method for the 3780-point FFT scheme. , 2011, , .		1
52	Retransmission in the network-coding-based packet network. Journal of Zhejiang University: Science C, 2010, 11, 544-554.	0.7	1
53	Improved Decoding Algorithm of Bit-Interleaved Coded Modulation for LDPC Code. IEEE Transactions on Broadcasting, 2010, 56, 103-109.	3.2	19
54	An efficient algebraic predistorter for compensating the nonlinearity of memory amplifiers. , 2010, , .		2

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55	Cross-Layer Design for Wireless Video Stream Transmission. , 2010, , .		1
56	An MDP-based handoff decision algorithm for multi-domain heterogeneous wireless access networks. , 2010, , .		4
57	Cross-Layer Design for Video Stream Transmission in the Mobile Environment. , 2010, , .		1
58	A color interpolation algorithm for Bayer pattern digital cameras based on green components and color difference space. , 2010, , .		3
59	Near Optimal BP Algorithm for LDPC-Coded BICM System with EXIT Analysis. , 2010, , .		0
60	A multi-source multi-destination multiple description video transmission scheme in wireless ad hoc networks. , 2010, , .		1
61	Cooperative spectrum sensing scheme with light communication overhead in cognitive radio networks. , 2010, , .		3
62	An identity authentication scheme in wireless peer-to-peer network. , 2010, , .		3
63	Reputation-based linear cooperation for spectrum sensing in cognitive radio networks. Journal of Zhejiang University: Science A, 2009, 10, 1688-1695.	2.4	8
64	Reputation-based collaborative spectrum sensing algorithm in Cognitive Radio networks. , 2009, , .		12
65	Retransmission strategies of the generation-based network coding in packet networks. , 2009, , .		0
66	Multilevel Coding with a Class of Decomposable Finite-Geometry LDPC Codes. , 2008, , .		0
67	A DNS-pertinent routing algorithm with the maximum network revenue in the content distribution networks. , 0, , .		0