

Yougan Chen

List of Publications by Year in descending order

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51
papers

413
citations

840776

11
h-index

839539

18
g-index

51
all docs

51
docs citations

51
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	Routing failure prediction and repairing for AUV-assisted underwater acoustic sensor networks in uncertain ocean environments. <i>Applied Acoustics</i> , 2022, 186, 108479.	3.3	9
2	Doppler-Resistant Orthogonal Chirp Division Multiplexing With Multiplex Resampling for Mobile Underwater Acoustic Communication. <i>IEEE Access</i> , 2022, 10, 55151-55163.	4.2	2
3	VAMP based Frequency-Domain Turbo Equalization for MIMO Horizontal Underwater Acoustic Communications. , 2022, , .		2
4	Optimizing the number of relays for energy efficient multi-hop covert underwater acoustic cooperative networks. <i>Applied Acoustics</i> , 2021, 177, 107911.	3.3	5
5	Transmission Characteristics of High-Frequency Underwater Acoustic Channels with High-Frequency Marine Noise in Shallow Sea. , 2021, , .		2
6	QMCR: A Q-learning-based multi-hop cooperative routing protocol for underwater acoustic sensor networks. <i>China Communications</i> , 2021, 18, 224-236.	3.2	21
7	Environment-aware communication channel quality prediction for underwater acoustic transmissions: A machine learning method. <i>Applied Acoustics</i> , 2021, 181, 108128.	3.3	19
8	PB-ACR: Node Payload Balanced Ant Colony Optimal Cooperative Routing for Multi-Hop Underwater Acoustic Sensor Networks. <i>IEEE Access</i> , 2021, 9, 57165-57178.	4.2	12
9	ECRQ: Machine Learning-Based Energy-Efficient Clustering and Cooperative Routing for Mobile Underwater Acoustic Sensor Networks. <i>IEEE Access</i> , 2021, 9, 70843-70855.	4.2	9
10	An Energy Optimization Clustering Scheme for Multi-Hop Underwater Acoustic Cooperative Sensor Networks. <i>IEEE Access</i> , 2020, 8, 89171-89184.	4.2	50
11	ACOA-AFSA Fusion Dynamic Coded Cooperation Routing for Different Scale Multi-Hop Underwater Acoustic Sensor Networks. <i>IEEE Access</i> , 2020, 8, 186773-186788.	4.2	24
12	Node Energy Consumption Balanced Multi-Hop Transmission for Underwater Acoustic Sensor Networks Based on Clustering Algorithm. <i>IEEE Access</i> , 2020, 8, 191231-191241.	4.2	22
13	MF-HER: Marine Mammal-Friendly Based High Spectral-Efficient Routing for Underwater Acoustic Sensor Networks. <i>IEEE Access</i> , 2020, 8, 198624-198636.	4.2	3
14	Routing Design Based on Data Importance Rating in Underwater Acoustic Sensor Networks. , 2020, , .		1
15	Anti-Multipath Orthogonal Chirp Division Multiplexing for Underwater Acoustic Communication. <i>IEEE Access</i> , 2020, 8, 13305-13314.	4.2	20
16	Selective Dynamic Coded Cooperative Communications for Multi-Hop Underwater Acoustic Sensor Networks. <i>IEEE Access</i> , 2019, 7, 70552-70563.	4.2	13
17	A High Spectral Efficiency Marine Mammal-Friendly Routing Protocol for Underwater Acoustic Networks. , 2019, , .		1
18	Comparison of Underwater Ambient Noise Based on past Two Years Data for Dongshan Offshore. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Power Allocation for Underwater Source Nodes in UWA Cooperative Networks. , 2018, , .		3
20	Emergency Communication Schemes for Multi-hop Underwater Acoustic Cooperative Networks. , 2018, , .		1
21	Energy-efficient mobile data collection adopting node cooperation in an underwater acoustic sensor network. China Communications, 2017, 14, 32-42.	3.2	15
22	Finite-length EXIT analyses for protograph LDPC codes over underwater acoustic channels. , 2017, , .		1
23	Coordinated anti-collision transmission with parity grouping for multi-hop underwater acoustic cooperative networks. , 2017, , .		2
24	Implementation and evaluation of the time reversal OFDM underwater acoustic speech communication system. , 2016, , .		1
25	Preliminary exploration for effects of sound stimulus on the movement behavior of <i>Litopenaeus vannamei</i> . , 2016, , .		2
26	The analysis of hops for multi-hop cooperation in Underwater Acoustic Sensor Networks. , 2016, , .		5
27	Multi-array iterative receiver for underwater acoustic OFDM communications with EXIT chart evaluation. Applied Acoustics, 2016, 114, 307-316.	3.3	8
28	Preliminary exploration of underwater noise impact on Japanese eel (<i>Anguilla japonica</i>) elvers. , 2016, , .		0
29	Mobile data collection paths for node cooperative underwater acoustic sensor networks. , 2016, , .		6
30	Dynamic Node Cooperation in an Underwater Data Collection Network. IEEE Sensors Journal, 2016, 16, 4127-4136.	4.7	30
31	Corrections to "OFDM-Modulated Dynamic Coded Cooperation in Underwater Acoustic Channels" [Y. Chen, Z.-H. Wang, L. Wan, H. Zhou, S. Zhou, and X. Xu, IEEE J. Ocean. Eng., vol. 40, no. 1, pp. 159-168, Jan. 2015. DOI: 10.1109/OE.2014.2304254. IEEE Journal of Oceanic Engineering, 2015, 40, 752-752.	3.8	0
32	OFDM-Modulated Dynamic Coded Cooperation in Underwater Acoustic Channels. IEEE Journal of Oceanic Engineering, 2015, 40, 159-168.	3.8	52
33	Application of protograph-based LDPC codes in underwater acoustic channels. , 2014, , .		3
34	Adaptive RC QC-LDPC channel coding for frequency hopping shallow water acoustic communication. , 2014, , .		1
35	Frequency-hopping acoustic communication in shallow water: Synchronization with time-reversal and united frame structure. , 2014, , .		1
36	Selective time reversal receiver for shallow water acoustic MIMO communications. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
37	Dynamic coded cooperative ARQ for multi-hop underwater acoustic networks. , 2014, , .		3
38	CSI feedback-based CS for underwater acoustic adaptive modulation OFDM system with channel prediction. China Ocean Engineering, 2014, 28, 391-400.	1.6	2
39	Design and Application of dynamic coding in shallow water acoustic communications. , 2012, , .		6
40	Joint carrier frequency offset and impulse noise estimation for underwater acoustic OFDM with null subcarriers. , 2012, , .		7
41	HFM spread spectrum modulation scheme in shallow water acoustic channels. , 2012, , .		15
42	Dynamic network coded cooperative OFDM for underwater data collection. , 2012, , .		2
43	Design of RC-LDPC Codes and Its Application for Shallow Water Acoustic Communications. Journal of Convergence Information Technology, 2012, 7, 177-185.	0.1	3
44	High-order modulation based on repeat-accumulate codes for underwater acoustic communications. , 2011, , .		0
45	Application analysis of QC-LDPC codes in shallow water acoustic channels. , 2011, , .		0
46	A frame synchronization method for underwater acoustic communication on mobile platform. , 2010, , .		6
47	Comparison of the performance of LDPC codes over different underwater acoustic channels. , 2010, , .		6
48	Performance Analysis of LDPC Codes over Shallow Water Acoustic Channels. , 2009, , .		7
49	Performance Analysis of IRA Codes for Underwater Acoustic OFDM Communication System. , 2009, , .		2
50	Rate Compatible LDPC Codes Design for Shallow Water Acoustic Communications. Applied Mechanics and Materials, 0, 198-199, 1609-1614.	0.2	1
51	Doppler Estimation, Synchronization with HFM Signals for Underwater Acoustic Communications. Applied Mechanics and Materials, 0, 198-199, 1638-1645.	0.2	3