

Zhaohui Wang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

373
citations

1478505

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1588992

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g-index

20
all docs

20
docs citations

20
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Prediction of Underwater Acoustic Communications Based on Channel Impulse Responses. Applied Sciences (Switzerland), 2022, 12, 1086.	2.5	4
2	A Variational Auto-Encoder Model for Underwater Acoustic Channels. , 2021, , .		0
3	Adaptive Switching for Multimodal Underwater Acoustic Communications Based on Reinforcement Learning. , 2021, , .		1
4	Supervised Learning for Performance Prediction in Underwater Acoustic Communications. , 2020, , .		1
5	Reinforcement Learning-Based Adaptive Transmission in Time-Varying Underwater Acoustic Channels. IEEE Access, 2018, 6, 2541-2558.	4.2	42
6	Online Modeling and Prediction of the Large-Scale Temporal Variation in Underwater Acoustic Communication Channels. IEEE Access, 2018, 6, 73984-74002.	4.2	15
7	Reinforcement Learning-based Adaptive Trajectory Planning for AUVs in Under-ice Environments. , 2018, , .		3
8	Reinforcement Learning-Based Multi-AUV Adaptive Trajectory Planning for Under-Ice Field Estimation. Sensors, 2018, 18, 3859.	3.8	19
9	Receiver design for spread-spectrum communications with a small spread in underwater clustered multipath channels. Journal of the Acoustical Society of America, 2017, 141, 1627-1642.	1.1	1
10	Modeling and prediction of large-scale temporal variation in underwater acoustic channels. , 2016, , .		7
11	Signal Alignment for Secure Underwater Coordinated Multipoint Transmissions. IEEE Transactions on Signal Processing, 2016, 64, 6360-6374.	5.3	19
12	Multi-flow scheduling in multi-hop underwater acoustic networks. , 2016, , .		1
13	A Joint Time Synchronization and Localization Design for Mobile Underwater Sensor Networks. IEEE Transactions on Mobile Computing, 2016, 15, 530-543.	5.8	161
14	Characterization and receiver design for underwater acoustic channels with large Doppler spread. , 2015, , .		2
15	Multipoint Transmission Scheduling in an Underwater Distributed Antenna System. , 2015, , .		0
16	Adaptive transmission scheduling in time-varying underwater acoustic channels. , 2015, , .		5
17	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/JOE.2014.2304254. IEEE Journal of Oceanic Engineering, 2015, 40, 752-752.	3.8	0
18	OFDM-Modulated Dynamic Coded Cooperation in Underwater Acoustic Channels. IEEE Journal of Oceanic Engineering, 2015, 40, 159-168.	3.8	52

#	ARTICLE	IF	CITATIONS
19	Signal alignment for secure underwater coordinated multipoint transmissions. , 2014, , .		4
20	Suave: Swarm underwater autonomous vehicle localization. , 2014, , .		36