Yiyin Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4533019/publications.pdf

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26	438	933447	940533
papers	citations	10	16
		h-index	g-index

26	26	26	429
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Joint Sonar-Communication System Based on Multicarrier Waveforms. IEEE Signal Processing Letters, 2022, 29, 777-781.	3.6	11
2	Fixedâ€time extended state observerâ€based trajectory tracking control for autonomous underwater vehicles. Asian Journal of Control, 2022, 24, 686-701.	3.0	11
3	Channel Estimation for OCDM Transmissions With Carrier Frequency Offset. IEEE Wireless Communications Letters, 2022, 11, 483-487.	5.0	10
4	Asynchronous Localization of Underwater Target Using Consensus-Based Unscented Kalman Filtering. IEEE Journal of Oceanic Engineering, 2020, 45, 1466-1481.	3.8	26
5	Noncooperative Mobile Target Tracking Using Multiple AUVs in Anchor-Free Environments. IEEE Internet of Things Journal, 2020, 7, 9819-9833.	8.7	15
6	Design a Reconfigurable Modem for Underwater Acoustic Communications. , 2020, , .		1
7	Opportunistic Localization and Synchronization for Underwater Acoustic Sensor Networks. , 2020, , .		0
8	Multiple Autonomous Underwater Vehicle Cooperative Localization in Anchor-Free Environments. IEEE Journal of Oceanic Engineering, 2019, 44, 895-911.	3.8	46
9	Preamble Detection Based on Cyclic Features of Zadoffâ€“Chu Sequences for Underwater Acoustic Communications. IEEE Signal Processing Letters, 2019, 26, 1192-1196.	3.6	3
10	Underwater Target Localization and Synchronization for a Distributed SIMO Sonar with an Isogradient SSP and Uncertainties in Receiver Locations. Sensors, 2019, 19, 1976.	3.8	8
11	Asynchronous Localization for UASNs: An Unscented Transform-Based Method. IEEE Signal Processing Letters, 2019, 26, 602-606.	3.6	21
12	A Two Stage Intrusion Detection System for Industrial Control Networks Based on Ethernet/IP. Electronics (Switzerland), 2019, 8, 1545.	3.1	11
13	Doppler Scale Estimation for Underwater Acoustic Communications Using Zadoff-Chu Sequences. , 2019, , .		1
14	Asynchronous Localization With Mobility Prediction for Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 2543-2556.	6.3	106
15	Belief Propagation Based Multi-AUV Cooperative Localization in Anchor-free Environments. , 2018, , .		7
16	Applying Lattice Reduction Technique to Space-Time Coded Multiplexing Systems. , 2018, , .		0
17	Target Localization for a Distributed SIMO Sonar With an Isogradient Sound Speed Profile. IEEE Access, 2018, 6, 29770-29783.	4.2	11
18	Tracking a Duty-Cycled Autonomous Underwater Vehicle by Underwater Wireless Sensor Networks. IEEE Access, 2017, 5, 18016-18032.	4.2	18

#	Article	IF	Citations
19	Adaptive Beacon Transmission in Cognitive-OFDM-Based Industrial Wireless Networks. IEEE Communications Letters, 2017, 21, 152-155.	4.1	5
20	Belief propagation-based cooperative localization for quasi-synchronous UWSNs with sound propagation speed uncertainty. , 2017, , .		2
21	Chaotic modulation detection for underwater acoustic communications via instantaneous features. , 2016, , .		1
22	Underwater acoustic localization with uncertainties in propagation speed and time synchronization. , 2016, , .		1
23	Designing Dual-Tone Radio Interferometric Positioning Systems. IEEE Transactions on Signal Processing, 2015, 63, 1351-1365.	5.3	25
24	Block compressed sensing based background subtraction for embedded smart camera. , 2014, , .		0
25	Robust Time-Based Localization for Asynchronous Networks. IEEE Transactions on Signal Processing, 2011, 59, 4397-4410.	5.3	89
26	An UWB ranging-based localization strategy with internal attack immunity. , 2010, , .		9