

Lianyou Jing

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Energy Management and Power Allocation for Underwater Acoustic Sensor Network. IEEE Sensors Journal, 2017, 17, 6451-6462.	4.7	34
2	A Cooperative Routing Protocol Based on Q-Learning for Underwater Optical-Acoustic Hybrid Wireless Sensor Networks. IEEE Sensors Journal, 2022, 22, 1041-1050.	4.7	21
3	Joint channel estimation and detection using Markov chain Monte Carlo method over sparse underwater acoustic channels. IET Communications, 2017, 11, 1789-1796.	2.2	13
4	Time-Frequency Domain Turbo Equalization for Single-Carrier Underwater Acoustic Communications. IEEE Access, 2019, 7, 73324-73335.	4.2	13
5	OTFS underwater acoustic communications based on passive time reversal. Applied Acoustics, 2022, 185, 108386.	3.3	12
6	A New IDMA System Based on CSK Modulation for Multiuser Underwater Acoustic Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 3080-3092.	6.3	11
7	Improving Passive Time Reversal Underwater Acoustic Communications Using Subarray Processing. Sensors, 2017, 17, 937.	3.8	10
8	Performance characterization of two-way multi-hop underwater networks in turbulent channels [Invited]. Chinese Optics Letters, 2019, 17, 100005.	2.9	10
9	Single Carrier with Frequency Domain Equalization for Synthetic Aperture Underwater Acoustic Communications. Sensors, 2017, 17, 1584.	3.8	8
10	Two Dimensional Adaptive Multichannel Decision Feedback Equalization for OTFS System. IEEE Communications Letters, 2021, 25, 840-844.	4.1	8
11	Frequency domain direct adaptive turbo equalization based on block least mean square for underwater acoustic communications. Applied Acoustics, 2022, 190, 108631.	3.3	7
12	Multiuser underwater acoustic communication using cyclic shift keying. , 2016, , .		6
13	Single-carrier with index modulation for underwater acoustic communications. Applied Acoustics, 2021, 172, 107572.	3.3	5
14	Direction-of-arrival of strictly non-circular sources based on weighted mixed-norm minimization. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	4
15	A Novel Spatial CCK Modulation Design for Underwater Acoustic Communications. IEEE Transactions on Vehicular Technology, 2019, 68, 6192-6196.	6.3	3
16	A routing-benefited deployment approach combining static and dynamic layouts for underwater optical wireless networks. International Journal of Distributed Sensor Networks, 2021, 17, 155014772199961.	2.2	3
17	Delay-Doppler domain decision feedback turbo equalization for OTFS modulation. Physical Communication, 2022, 52, 101699.	2.1	3
18	Spatial CCK Modulation and Iterative Detection Over Frequency-Selective Fading Channels. IEEE Wireless Communications Letters, 2017, 6, 506-509.	5.0	2

#	ARTICLE	IF	CITATIONS
19	A Laser Spot Tracking Algorithm for Underwater Wireless Optical Communication Based on Image Processing. , 2021, , .		2
20	Iterative adaptive frequency-domain equalization based on sliding window strategy over time-varying underwater acoustic channels. JASA Express Letters, 2021, 1, .	1.1	2
21	High Rate CCK Modulation Design for Bandwidth Efficient Link Adaptation. IEEE Wireless Communications Letters, 2019, 8, 496-499.	5.0	1
22	Study on Node Localization of Underwater Sensor Networks Based on Node Dynamic Selection and Movement Prediction. , 2021, , .		1
23	Markov chain Monte Carlo Equalization for Single Carrier Underwater Acoustic Communications. , 2021, , .		1
24	Design of mQAM-OFDM Underwater Wireless Optical Communication System Based on LED Array. , 2022, , .		1
25	Multichannel bidirectional equalization for underwater acoustic communication based on passive phase conjugation. , 2013, , .		0
26	Joint Channel Estimation and Detection of High Rate CCK Signaling in Underwater Communications. , 2017, , .		0
27	Hybrid Time-Frequency Domain Turbo Equalization for Single Carrier MIMO Underwater Acoustic Communication. , 2019, , .		0
28	Mapping Diversity for High Bandwidth Efficiency CCK in Underwater Acoustic Channels. , 2020, , .		0
29	Performance Analysis of Relay-Aided NOMA in Underwater Optical Wireless Communication System under Ocean Turbulence. , 2022, , .		0
30	Power Optimization and Performance Analysis of Underwater Optical Wireless Communication System with MIMO-NOMA under Weak Oceans Turbulence. , 2022, , .		0