

Yu Luo

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1163117

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23
docs citations

23
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges and Opportunities of Underwater Cognitive Acoustic Networks. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 198-211.	4.6	91
2	RF Energy Harvesting Wireless Communications: RF Environment, Device Hardware and Practical Issues. Sensors, 2019, 19, 3010.	3.8	66
3	Prediction-Based Spectrum Management in Cognitive Radio Networks. IEEE Systems Journal, 2018, 12, 3303-3314.	4.6	38
4	Receiver-Initiated Spectrum Management for Underwater Cognitive Acoustic Network. IEEE Transactions on Mobile Computing, 2017, 16, 198-212.	5.8	34
5	Impact of real modem characteristics on practical underwater MAC design. , 2012, , .		25
6	Effective Relay Selection for Underwater Cooperative Acoustic Networks. , 2013, , .		24
7	A Nonlinear Recursive Model Based Optimal Transmission Scheduling in RF Energy Harvesting Wireless Communications. IEEE Transactions on Wireless Communications, 2020, 19, 3449-3462.	9.2	16
8	Optimal energy requesting strategy for RF-based energy harvesting wireless communications. , 2017, , .		13
9	Practical Issues of RF Energy Harvest and Data Transmission in Renewable Radio Energy Powered IoT. IEEE Transactions on Sustainable Computing, 2021, 6, 667-678.	3.1	12
10	Dynamic control channel MAC for underwater cognitive acoustic networks. , 2016, , .		11
11	RISM: An efficient spectrum management system for underwater cognitive acoustic networks. , 2014, , .		9
12	An efficient MAC protocol for underwater multi-user uplink communication networks. Ad Hoc Networks, 2015, 34, 75-91.	5.5	9
13	DTER: Optimal Two-Step Dual Tunnel Energy Requesting for RF-Based Energy Harvesting System. IEEE Internet of Things Journal, 2018, 5, 2768-2780.	8.7	8
14	Reinforcement-Learning Based Dynamic Transmission Range Adjustment in Medium Access Control for Underwater Wireless Sensor Networks. Electronics (Switzerland), 2020, 9, 1727.	3.1	7
15	Exploring Uncertainties of Transmission, Reception Delays for Underwater Acoustic Networks. IEEE Wireless Communications Letters, 2017, 6, 418-421.	5.0	4
16	Receiver-Initiated Handshaking MAC Based on Traffic Estimation for Underwater Sensor Networks. Sensors, 2018, 18, 3895.	3.8	4
17	WUR-TS: Semi-Passive Wake-Up Radio Receiver Based Time Synchronization Method for Energy Harvesting Wireless Networks. IEEE Transactions on Mobile Computing, 2021, , 1-1.	5.8	4
18	Enhanced AODV: Detection and Avoidance of Black Hole Attack in Smart Meter Network. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	Harness Interference for Performance Improvement in Underwater Sensor Networks. IEEE Systems Journal, 2019, 13, 258-269.	4.6	3
20	Underwater acoustic network protocol stacks: Simulator-based vs. OS-based. , 2014, , .		2
21	Energy Stimulated Time Synchronization for Energy Harvesting Wireless Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 1880-1894.	6.4	2
22	ESTS: Energy Stimulated Time Synchronization for Energy Harvesting Wireless Networks. , 2020, , .		1
23	EC-ANC: Edge Case-Enhanced Active Noise Cancellation for True Wireless Stereo Earbuds. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 1436-1447.	5.8	1