Xuewen Qian

List of Publications by Year
in descending order

14	733	1040056	1125743
papers	**citations**	**9**	**13**
		h-index	**g-index**

14	14	14	889
all docs	**docs citations**	**times ranked**	**citing authors**

#	Article	IF	Citations
1	Reconfigurable Intelligent Surfaces vs. Relaying: Differences, Similarities, and Performance Comparison. IEEE Open Journal of the Communications Society, 2020, 1, 798-807.	6.9	445
2	Model-Aided Wireless Artificial Intelligence: Embedding Expert Knowledge in Deep Neural Networks for Wireless System Optimization. IEEE Vehicular Technology Magazine, 2019, 14, 60-69.	3.4	120
3	Mutual Coupling and Unit Cell Aware Optimization for Reconfigurable Intelligent Surfaces. IEEE Wireless Communications Letters, 2021, 10, 1183-1187.	5.0	34
4	MIMO Interference Channels Assisted by Reconfigurable Intelligent Surfaces: Mutual Coupling Aware Sum-Rate Optimization Based on a Mutual Impedance Channel Model. IEEE Wireless Communications Letters, 2021, 10, 2624-2628.	5.0	32
5	Synchronisation algorithm based on zero correlation code pair for OFDMâ€based VLC systems. IET Communications, 2017, 11, 205-210.	2.2	16
6	Receiver Design in Molecular Communications: An Approach Based on Artificial Neural Networks. , 2018, , .		16
7	Molecular Communications: Model-Based and Data-Driven Receiver Design and Optimization. IEEE Access, 2019, 7, 53555-53565.	4.2	16
8	Pilot-based parametric channel estimation algorithm for DCO-OFDM-based visual light communications. Optics Communications, 2017, 400, 150-155.	2.1	12
9	Joint Synchronization and Channel Estimation of ACO-OFDM Systems With Simplified Transceiver. IEEE Photonics Technology Letters, 2018, 30, 383-386.	2.5	12
10	Sparse PTS scheme based on TR schemes for PAPR reduction in FBMCâ€OQAM systems. IET Communications, 2018, 12, 1722-1727.	2.2	11
11	K-Means Clustering-Aided Non-Coherent Detection for Molecular Communications. IEEE Transactions on Communications, 2021, 69, 5456-5470.	7.8	9
12	Channel estimation scheme based on compressed sensing and parameter estimation for an orthogonal frequency division multiplexing visible light communications system. Optical Engineering, 2016, 55, 116109.	1.0	7
13	Peak-to-average power ratio reduction in orthogonal frequency division multiplexing-based visible light communication systems using a modified partial transmit sequence technique. Optical Engineering, 2018, 57, 1.	1.0	2
14	Synchronisation algorithm for OFDM/OQAM systems based on zero autocorrelation code. IET Communications, 2018, 12, 283-289.	2.2	1