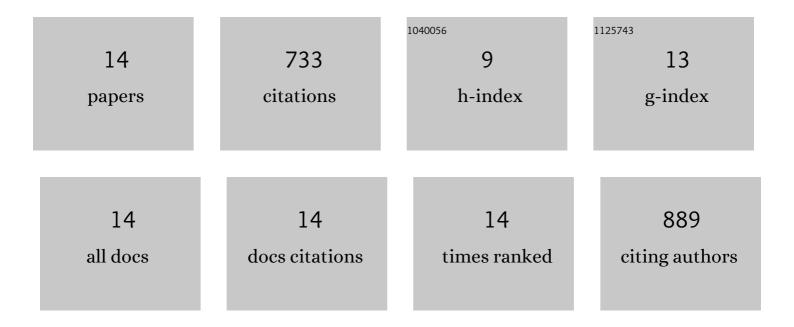
Xuewen Qian

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | Mutual Coupling and Unit Cell Aware Optimization for Reconfigurable Intelligent Surfaces. IEEE Wireless Communications Letters, 2021, 10, 1183-1187. | 5.0 | 34 |
| 3 | K-Means Clustering-Aided Non-Coherent Detection for Molecular Communications. IEEE Transactions on Communications, 2021, 69, 5456-5470. | 7.8 | 9 |
| 4 | Reconfigurable Intelligent Surfaces vs. Relaying: Differences, Similarities, and Performance Comparison. IEEE Open Journal of the Communications Society, 2020, 1, 798-807. | 6.9 | 445 |
| 5 | Molecular Communications: Model-Based and Data-Driven Receiver Design and Optimization. IEEE Access, 2019, 7, 53555-53565. | 4.2 | 16 |
| 6 | 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 |
| 7 | Synchronisation algorithm for OFDM/OQAM systems based on zero autocorrelation code. IET Communications, 2018, 12, 283-289. | 2.2 | 1 |
| 8 | Joint Synchronization and Channel Estimation of ACO-OFDM Systems With Simplified Transceiver. IEEE Photonics Technology Letters, 2018, 30, 383-386. | 2.5 | 12 |
| 9 | Sparse PTS scheme based on TR schemes for PAPR reduction in FBMCâ€OQAM systems. IET Communications, 2018, 12, 1722-1727. | 2.2 | 11 |
| 10 | Receiver Design in Molecular Communications: An Approach Based on Artificial Neural Networks. , 2018, , . | | 16 |
| 11 | 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 |
| 12 | Synchronisation algorithm based on zero correlation code pair for OFDMâ€based VLC systems. IET Communications, 2017, 11, 205-210. | 2.2 | 16 |
| 13 | Pilot-based parametric channel estimation algorithm for DCO-OFDM-based visual light communications. Optics Communications, 2017, 400, 150-155. | 2.1 | 12 |
| 14 | 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 |