

# Qian Chen

## List of Publications by Year in descending order

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19  
papers

460  
citations

1163117

8  
h-index

1372567

10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

492  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Directional Cooperative MAC Protocol Design and Performance Analysis for IEEE 802.11ad WLANs. IEEE Transactions on Vehicular Technology, 2013, 62, 2667-2677.   | 6.3  | 79        |
| 2  | Licensed-Assisted Access for LTE in Unlicensed Spectrum: A MAC Protocol Design. IEEE Journal on Selected Areas in Communications, 2016, 34, 2550-2561.  | 14.0 | 70        |
| 3  | A Two-Level MAC Protocol Strategy for Opportunistic Spectrum Access in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 2164-2180.                                      | 6.3  | 58        |
| 4  | Cooperative Spectrum Sensing Strategies for Cognitive Radio Mesh Networks. IEEE Journal on Selected Topics in Signal Processing, 2011, 5, 56-67.  | 10.8 | 51        |
| 5  | MAC Protocol Design and Performance Analysis for Random Access Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 2289-2300.                                       | 14.0 | 50        |
| 6  | Evolving Dynamic Multi-Objective Optimization Problems with Objective Replacement. Artificial Intelligence Review, 2005, 23, 267-293.   | 15.7 | 48        |
| 7  | Improved Cooperative Spectrum Sensing in Cognitive Radio. IEEE Vehicular Technology Conference, 2008, , .   | 0.4  | 29        |
| 8  | Incremental Multiple Objective Genetic Algorithms. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 1325-1334.   | 5.0  | 22        |
| 9  | CR-CSMA: A Random Access MAC Protocol for Cognitive Radio Networks. , 2009, , .   |      | 12        |
| 10 | Spatial reuse strategy in mmWave WPANs with directional antennas. , 2012, , .   |      | 12        |
| 11 | Spatial Sharing Algorithm in mmWave WPANs with Interference Sense Beamforming Mechanism. , 2013, , .  |      | 11        |
| 12 | Opportunistic Spectrum Access Protocol for Cognitive Radio Networks. , 2011, , .  |      | 9         |
| 13 | Offline Route Optimization Considering Streamline Effect in Optical Burst Switching Networks. , 2006, , .   |      | 3         |
| 14 | Cooperative spectrum sensing strategies with multiple relays. , 2010, , .   |      | 3         |
| 15 | An evolutionary strategy for decremental multiobjective optimization problems. International Journal of Intelligent Systems, 2007, 22, 847-866.   | 5.7  | 2         |
| 16 | Throughput maximization for cooperative 60GHz wireless personal area networks. Computer Networks, 2016, 110, 58-68.   | 5.1  | 1         |
| 17 | Residual Admission Capacity in Optical Burst Switching Networks and its Application in Routing Loss-Guaranteed Flows. Local Computer Networks (LCN), Proceedings of the IEEE Conference on, 2006, , . | 0.0  | 0         |
| 18 | Route optimization for efficient failure recovery in optical burst switched networks. , 2006, , .   |      | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Residual Admission Capacity in Optical Burst Switching Networks and Its Application in Configuration of Loss Guaranteed Tunnels. <i>Journal of Lightwave Technology</i> , 2009, 27, 2544-2551. | 4.6 | 0         |