

# Chunguo Li

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

157  
papers

2,088  
citations

25  
h-index

40  
g-index

189  
ext. papers

2,656  
ext. citations

3.6  
avg, IF

5.66  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 157 | Beyond Supervised Power Control in Massive MIMO Network: Simple Deep Neural Network Solutions. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1                          | 6.8  |           |
| 156 | Mobile Device Association and Resource Allocation in HCNs With Mobile Edge Computing and Caching. <i>IEEE Systems Journal</i> , <b>2022</b> , 1-10   | 4.3  |           |
| 155 | Non-Outage Probability of Jamming-Assisted Continuous Eavesdropping with Multi-Antenna. <i>IEEE Communications Letters</i> , <b>2022</b> , 1-1   | 3.8  |           |
| 154 | Joint Device Association, Resource Allocation and Computation Offloading in Ultra-Dense Multi-Device and Multi-Task IoT Networks. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1 | 10.7 | 1         |
| 153 | Joint Precoder, Reflection Coefficients, and Equalizer Design for IRS-Assisted MIMO Systems. <i>IEEE Transactions on Communications</i> , <b>2022</b> , 1-1                                  | 6.9  | 1         |
| 152 | Achievable Harvested Energy Region of IRS-Assisted Wireless Power Transfer System <b>2021</b> ,  |      | 3         |
| 151 | Energy-Efficient Computation Offloading and Resource Management in Ultradense Heterogeneous Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1                   | 6.8  | 5         |
| 150 | Research on Secure Transmission Performance of Electric Vehicles Under Nakagami-m Channel. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 1881-1891      | 6.1  | 6         |
| 149 | Bistatic Backscatter Communication: Shunt Network Design. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 7691-7705  | 10.7 | 1         |
| 148 | Heterogeneous Non-Orthogonal Multiple Access With Distributed Alamouti Space-Time Coding. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 4796-4808                     | 6.8  |           |
| 147 | Trading off data resource availability and privacy preservation in multi-layer network transaction. <i>Physical Communication</i> , <b>2021</b> , 46, 101317                                 | 2.2  | 1         |
| 146 | . <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 629-640  | 4.3  | 2         |
| 145 | Resource Allocation for Enhancing Offloading Security in NOMA-Enabled MEC Networks. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 3789-3792  | 4.3  | 15        |
| 144 | SWIPT Enabled Intelligent Transportation Systems With Advanced Sensing Fusion. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 15643-15650   | 4    | 3         |
| 143 | Secrecy energy efficiency optimization for DF relaying IoT systems with passive eavesdropping terminal. <i>Physical Communication</i> , <b>2021</b> , 44, 101254                             | 2.2  | 1         |
| 142 | Blockchain-enabled relay-aided wireless networks for sustainable e-agriculture. <i>Journal of Cleaner Production</i> , <b>2021</b> , 281, 124496   | 10.3 | 3         |
| 141 | Worst-Case Robust MIMO Transmission Based on Subgradient Projection. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 239-243  | 3.8  | 0         |

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|-----|---|------|----|
| 140 | Joint User Association and Time Partitioning for Load Balancing in Ultra-Dense Heterogeneous Networks. <i>Mobile Networks and Applications</i> , <b>2021</b> , 26, 909-922  | 2.9  | 3  |
| 139 | On the Secrecy for Relay-Aided SWIPT Internet of Things System With Cooperative Eavesdroppers. <i>IEEE Access</i> , <b>2021</b> , 9, 28204-28212  | 3.5  | 2  |
| 138 | Popularity-Aware Online Task Offloading for Heterogeneous Vehicular Edge Computing Using Contextual Clustering of Bandits. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1                                 | 10.7 | 5  |
| 137 | Performance of Optical Mobile Communications with User Mobility and Multiple Light Sources. <i>Wireless Communications and Mobile Computing</i> , <b>2021</b> , 2021, 1-14  | 1.9  |    |
| 136 | Power Optimization for Aerial Intelligent Reflecting Surface-Aided Cell-Free Massive MIMO-Based Wireless Sensor Network. <i>Security and Communication Networks</i> , <b>2021</b> , 2021, 1-10                        | 1.9  | 1  |
| 135 | UAV-Assisted Intelligent Reflecting Surface Symbiotic Radio System. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 5769-5785   | 9.6  | 48 |
| 134 | A Survey of Computational Intelligence for 6G: Key Technologies, Applications and Trends. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 7145-7154  | 11.9 | 28 |
| 133 | CAAGP: Rethinking channel attention with adaptive global pooling for liver tumor segmentation. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 138, 104875   | 7    | 2  |
| 132 | Coarse-to-Fine Spatial-Temporal Relationship Inference for Temporal Sentence Grounding. <i>IEEE Access</i> , <b>2021</b> , 9, 97430-97443   | 3.5  |    |
| 131 | Secrecy Performance Analysis of UAV Assisted Relay Transmission for Cognitive Network With Energy Harvesting. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 7404-7415                          | 6.8  | 68 |
| 130 | Complex Propensity Inspired Blind Adaptive Frequency-Dependent I/Q Imbalance Compensation for Wideband Direct-Conversion Receivers. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 5982-5992 | 9.6  | 6  |
| 129 | Energy-Efficiency for IoT System With Cache-Enabled Fixed-Wing UAV Relay. <i>IEEE Access</i> , <b>2020</b> , 8, 117503-117510   | 3.4  | 10 |
| 128 | Conquering the Worst Case of Infections in Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 2835-2846  | 3.5  | 1  |
| 127 | . <i>China Communications</i> , <b>2020</b> , 17, 89-103  | 3    | 14 |
| 126 | Double Coded Caching in Ultra Dense Networks: Caching and Multicast Scheduling via Deep Reinforcement Learning. <i>IEEE Transactions on Communications</i> , <b>2020</b> , 68, 1071-1086                              | 6.9  | 25 |
| 125 | Secrecy Outage Analysis of UAV Assisted Relay and Antenna Selection for Cognitive Network Under Nakagami- $m$ Channel. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2020</b> , 6, 904-914 | 6.6  | 24 |
| 124 | UAV-Aided Wireless Communication Design With Energy Constraint in Space-Air-Ground Integrated Green IoT Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 86251-86261   | 3.5  | 17 |
| 123 | Survey on the Internet of Vehicles: Network Architectures and Applications. <i>IEEE Communications Standards Magazine</i> , <b>2020</b> , 4, 34-41  | 3.3  | 85 |

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|-----|---|-----|----|
| 122 | Mean Field Reinforcement Learning Based Anti-Jamming Communications for Ultra-Dense Internet of Things in 6G <b>2020</b> ,  |     | 3  |
| 121 | A Dictionary Learning-Based Off-Grid DOA Estimation Method Using Khatri-Rao Product. <i>Lecture Notes in Electrical Engineering</i> , <b>2020</b> , 239-248                                   | 0.2 |    |
| 120 | Analysis of Least Stochastic Entropy Adaptive Filters for Noncircular Gaussian Signals. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 1364-1368     | 3.5 | 8  |
| 119 | Resource allocation on secrecy energy efficiency for C-RAN with artificial noise. <i>Wireless Networks</i> , <b>2020</b> , 26, 639-650  | 2.5 | 2  |
| 118 | Joint optimization for ambient backscatter communication system with energy harvesting for IoT. <i>Mechanical Systems and Signal Processing</i> , <b>2020</b> , 135, 106412                   | 7.8 | 39 |
| 117 | An Offloading Mechanism Towards SEBE Experiences Tradeoff in Heterogeneous Cellular Networks. <i>Wireless Personal Communications</i> , <b>2020</b> , 111, 2477-2491                          | 1.9 |    |
| 116 | Throughput Maximization for UAV-Aided Backscatter Communication Networks. <i>IEEE Transactions on Communications</i> , <b>2020</b> , 68, 1254-1270  | 6.9 | 20 |
| 115 | Joint Device Association and Power Coordination for H2H and IoT Communications in Massive MIMO Enabled HCNs. <i>IEEE Access</i> , <b>2020</b> , 8, 72971-72984                                | 3.5 | 1  |
| 114 | Multi-oriented Scene Text Detector with Atrous Convolution <b>2020</b> ,  |     | 1  |
| 113 | Multitask deep learning-based multiuser hybrid beamforming for mm-wave orthogonal frequency division multiple access systems. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1 | 3.4 | 3  |
| 112 | Compact Multi-Wideband Array for Millimeter-Wave Communications Using Squint Beams. <i>IEEE Access</i> , <b>2020</b> , 8, 183146-183164   | 3.5 | 0  |
| 111 | Joint CoMP Transmission for UAV-Aided Cognitive Satellite Terrestrial Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 14959-14968   | 3.5 | 31 |
| 110 | Resource allocation for relay-aided underwater acoustic sensor networks with energy harvesting. <i>Physical Communication</i> , <b>2019</b> , 33, 241-248                                     | 2.2 | 7  |
| 109 | CSI Feedback Based on Deep Learning for Massive MIMO Systems. <i>IEEE Access</i> , <b>2019</b> , 7, 86810-86820   | 3.5 | 25 |
| 108 | Asymptotic Performance Analysis of Massive MIMO Relay Systems With Multi-Pair Devices Over Correlated Fading Channels. <i>IEEE Access</i> , <b>2019</b> , 7, 27565-27578                      | 3.5 | 3  |
| 107 | Energy-efficient optimisation for UAV-aided wireless sensor networks. <i>IET Communications</i> , <b>2019</b> , 13, 972-980   | 1.3 | 3  |
| 106 | How to Deploy Multiple UAVs for Providing Communication Service in an Unknown Region?. <i>IEEE Wireless Communications Letters</i> , <b>2019</b> , 8, 1276-1279                               | 5.9 | 28 |
| 105 | UAV-Aided Mobile Edge Computing Systems With One by One Access Scheme. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2019</b> , 3, 664-678                             | 4   | 38 |

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| 104 | Green Base Station Assignment for NOMA-Enabled HCNs. <i>IEEE Access</i> , <b>2019</b> , 7, 53018-53031   | 3.5 | 2  |
| 103 | Performance Analysis of UAV Relay Assisted IoT Communication Network Enhanced With Energy Harvesting. <i>IEEE Access</i> , <b>2019</b> , 7, 38738-38747                          | 3.5 | 88 |
| 102 | Placement Delivery Array Design via Attention-Based Sequence-to-Sequence Model With Deep Neural Network. <i>IEEE Wireless Communications Letters</i> , <b>2019</b> , 8, 372-375  | 5.9 | 7  |
| 101 | Proactive Caching for Vehicular Multi-View 3D Video Streaming via Deep Reinforcement Learning. <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 2693-2706 | 9.6 | 24 |
| 100 | An (ell_p)-norm Based Method for Off-grid DOA Estimation. <i>Circuits, Systems, and Signal Processing</i> , <b>2019</b> , 38, 904-917  | 2.2 | 5  |
| 99  | . <i>IEEE Vehicular Technology Magazine</i> , <b>2019</b> , 14, 107-114  | 9.9 | 7  |
| 98  | . <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 3970-3984  | 4.8 | 11 |
| 97  | Offloading Design for Energy and Spectral Efficiencies Tradeoff in Massive MIMO Enabled Heterogeneous Cellular Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 141330-141342     | 3.5 | 1  |
| 96  | Low-Complexity Decentralized Recommendation System With Similarity Constraints. <i>IEEE Access</i> , <b>2019</b> , 7, 146922-146938  | 3.5 |    |
| 95  | Secure Transmission Design for UAV-Based SWIPT Networks. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 73-83  | 0.9 |    |
| 94  | Secrecy Energy Efficiency Maximization for UAV-Aided Communication Systems. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 41-51                                       | 0.9 |    |
| 93  | The Efficient BackFi Transmission Design in Ambient Backscatter Communication Systems for IoT. <i>IEEE Access</i> , <b>2019</b> , 7, 31397-31408                                 | 3.5 | 24 |
| 92  | On Secrecy Energy Efficiency of RF Energy Harvesting System <b>2019</b> ,  |     | 1  |
| 91  | UAV-Aided Backscatter Networks: Joint UAV Trajectory and Protocol Design <b>2019</b> ,   |     | 3  |
| 90  | Smart Longitudinal Velocity Control of Autonomous Vehicles in Interactions With Distracted Human-Driven Vehicles. <i>IEEE Access</i> , <b>2019</b> , 7, 168060-168074            | 3.5 | 1  |
| 89  | An SBL-Based Coherent Source Localization Method Using Virtual Array Output. <i>IEICE Transactions on Communications</i> , <b>2019</b> , E102.B, 2151-2158                       | 0.5 |    |
| 88  | . <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 509-524   | 6.8 | 26 |
| 87  | Energy-Efficient Optimization for UAV-Aided Cellular Offloading. <i>IEEE Wireless Communications Letters</i> , <b>2019</b> , 8, 769-772  | 5.9 | 25 |

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|----|---|-----|----|
| 86 | Outage analysis for simultaneous wireless information and power transfer in dual-hop relaying networks. <i>Wireless Networks</i> , <b>2019</b> , 25, 837-844  | 2.5 | 11 |
| 85 | Graph-Based Joint User-Centric Overlapped Clustering and Resource Allocation in Ultradense Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 4440-4453                       | 6.8 | 35 |
| 84 | Efficient Protocols Design and Performance Analysis for Centralized WLAN. <i>Wireless Personal Communications</i> , <b>2018</b> , 99, 839-862   | 1.9 | 0  |
| 83 | Near-Optimal Pilot Signal Design for FDD Massive MIMO System: An Energy-Efficient Perspective. <i>IEEE Access</i> , <b>2018</b> , 6, 13275-13288  | 3.5 | 1  |
| 82 | Power-Efficient Communication in UAV-Aided Wireless Sensor Networks. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 1264-1267   | 3.8 | 83 |
| 81 | Energy harvest and information transmission design in internet-of-things wireless communication systems. <i>AEU - International Journal of Electronics and Communications</i> , <b>2018</b> , 87, 124-127 | 2.8 | 25 |
| 80 | . <i>IEEE Access</i> , <b>2018</b> , 6, 1894-1904   | 3.5 | 26 |
| 79 | SINR balancing technique for robust beamforming in V2X-SWIPT system based on a non-linear EH model. <i>Physical Communication</i> , <b>2018</b> , 29, 95-102  | 2.2 | 6  |
| 78 | Joint User Association and Power Control for Load Balancing in Downlink Heterogeneous Cellular Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 2582-2593                   | 6.8 | 51 |
| 77 | Resource allocation for outage performance in heterogeneous networks: a matching game approach. <i>Wireless Networks</i> , <b>2018</b> , 24, 1873-1883  | 2.5 | 2  |
| 76 | Joint RRH Activation and Robust Coordinated Beamforming for Massive MIMO Heterogeneous Cloud Radio Access Networks. <i>IEEE Access</i> , <b>2018</b> , 6, 40506-40518                                     | 3.5 | 8  |
| 75 | Artificial Noise Aided Precoding With Imperfect CSI in Full-Duplex Relaying Secure Communications. <i>IEEE Access</i> , <b>2018</b> , 6, 44107-44119  | 3.5 | 6  |
| 74 | Low Cost and High Efficiency Hybrid Architecture Massive MIMO Systems Based on DFT Processing. <i>Wireless Communications and Mobile Computing</i> , <b>2018</b> , 2018, 1-11                             | 1.9 | 7  |
| 73 | . <i>IEEE Access</i> , <b>2018</b> , 6, 31213-31223   | 3.5 | 4  |
| 72 | Optimal Resource Partitioning and Bit Allocation for UAV-Enabled Mobile Edge Computing <b>2018</b> ,  |     | 12 |
| 71 | Expectation Propagation Detection with Neumann-Series Approximation for Massive MIMO <b>2018</b> ,  |     | 11 |
| 70 | Cache-Enabled Adaptive Bit Rate Streaming via Deep Self-Transfer Reinforcement Learning <b>2018</b> ,   |     | 2  |
| 69 | An Iterative Adaptive Dictionary Learning Approach for Multiple Snapshot DOA Estimation <b>2018</b> ,   |     | 2  |

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|----|---|-----|----|
| 68 | A Novel Approach for the Estimation of Doubly Spread Acoustic Channels Based on Wavelet Transform. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 38  | 2.6 | 1  |
| 67 | Robust Beamforming Design for Secure V2X Downlink System with Wireless Information and Power Transfer under a Nonlinear Energy Harvesting Model. <i>Sensors</i> , <b>2018</b> , 18,   | 3.8 | 5  |
| 66 | Performance Analysis of Multihop Relaying Caching for Internet of Things under Nakagami Channels. <i>Wireless Communications and Mobile Computing</i> , <b>2018</b> , 2018, 1-9   | 1.9 | 7  |
| 65 | . <i>China Communications</i> , <b>2018</b> , 15, 9-24  | 3   | 21 |
| 64 | Personalized optimal bicycle trip planning based on Q-learning algorithm <b>2018</b> ,  |     | 3  |
| 63 | Cooperative Precoding for Wireless Energy Transfer and Secure Cognitive Radio Coexistence Systems. <i>IEEE Signal Processing Letters</i> , <b>2017</b> , 24, 540-544  | 3.2 | 11 |
| 62 | Energy-efficient resource allocation for device-to-device communication with WPT. <i>IET Communications</i> , <b>2017</b> , 11, 326-334   | 1.3 | 22 |
| 61 | Joint Design of User Association and Power Allocation With Proportional Fairness in Massive MIMO HetNets. <i>IEEE Access</i> , <b>2017</b> , 5, 6560-6569   | 3.5 | 22 |
| 60 | Low computational complexity design over sparse channel estimator in underwater acoustic OFDM communication system. <i>IET Communications</i> , <b>2017</b> , 11, 1143-1151   | 1.3 | 18 |
| 59 | Antenna selection for two-way full duplex massive MIMO networks with amplify-and-forward relay. <i>Science China Information Sciences</i> , <b>2017</b> , 60, 1   | 3.4 | 6  |
| 58 | Parameter Estimation for Multi-Scale Multi-Lag Underwater Acoustic Channels Based on Modified Particle Swarm Optimization Algorithm. <i>IEEE Access</i> , <b>2017</b> , 5, 4808-4820  | 3.5 | 17 |
| 57 | Energy-Efficient Optimization for Device-to-Device Communication Underlying Cellular Networks. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2017</b> , E100.A, 1079-1083 | 0.4 |    |
| 56 | Effect of Pilot Contamination Over Diversity Gain in Multi-cell MU-MIMO Systems. <i>Wireless Personal Communications</i> , <b>2017</b> , 95, 4807-4822  | 1.9 | 0  |
| 55 | QoS-Aware Balanced and Unbalanced Associations in Massive MIMO Enabled Heterogeneous Cellular Networks. <i>Wireless Personal Communications</i> , <b>2017</b> , 97, 5345-5366   | 1.9 | 3  |
| 54 | User Association With Maximizing Weighted Sum Energy Efficiency for Massive MIMO-Enabled Heterogeneous Cellular Networks. <i>IEEE Communications Letters</i> , <b>2017</b> , 21, 2250-2253                                      | 3.8 | 15 |
| 53 | Energy efficiency resource allocation in downlink cell-free massive MIMO system <b>2017</b> ,   |     | 3  |
| 52 | Throughput maximization for UAV-enabled wireless power transfer in relaying system <b>2017</b> ,  |     | 30 |
| 51 | Distributed Optimization with Incomplete Information for Heterogeneous Cellular Networks. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2017</b> , E100.A, 1578-1582      | 0.4 |    |

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|----|---|-----|----|
| 50 | Multuser Overhearing for Cooperative Two-Way Multiantenna Relays. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 3796-3802  | 6.8 | 92 |
| 49 | Overhearing Protocol Design Exploiting Intercell Interference in Cooperative Green Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 441-446   | 6.8 | 91 |
| 48 | Channel Characteristic and Capacity Analysis of Millimeter Wave MIMO Beamforming System <b>2016</b> ,   |     | 6  |
| 47 | Secure Beamforming Design for SWIPT in MISO Broadcast Channel With Confidential Messages and External Eavesdroppers. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 7807-7819                                      | 9.6 | 49 |
| 46 | Analysis over Spectral Efficiency and Power Scaling in Massive MIMO Dual-Hop Systems with Multi-Pair Users. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2016</b> , E99.A, 1665-1673 | 0.4 | 2  |
| 45 | Manifold-based predictive precoding for the time-varying channel using differential geometry. <i>Wireless Networks</i> , <b>2016</b> , 22, 2773-2783  | 2.5 | 3  |
| 44 | Energy efficient design for multiuser downlink energy and uplink information transfer in 5G. <i>Science China Information Sciences</i> , <b>2016</b> , 59, 1-8  | 3.4 | 12 |
| 43 | Adaptive Overhearing in Two-Way Multi-Antenna Relay Channels. <i>IEEE Signal Processing Letters</i> , <b>2016</b> , 23, 117-120   | 3.2 | 43 |
| 42 | Spectral-Efficient Cellular Communications With Coexistent One- and Two-Hop Transmissions. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 6765-6772   | 6.8 | 92 |
| 41 | Precoding design for interference mitigation in cognitive radio networks based on matrix distance. <i>Computers and Electrical Engineering</i> , <b>2016</b> , 52, 307-318  | 4.3 | 2  |
| 40 | . <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 7228-7243  | 6.8 | 56 |
| 39 | Exponent-Based Partitioning Broadcast Protocol for Emergency Message Dissemination in Vehicular Networks. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2016</b> , E99.A, 2075-2083   | 0.4 | 4  |
| 38 | Interference-tolerating transmission protocol design for three-cell systems. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2016</b> , 27, 474-483  | 1.9 | 1  |
| 37 | Energy Efficient Joint User Association and Power Allocation Design in Massive MIMO Empowered Dense HetNets <b>2016</b> ,   |     | 4  |
| 36 | Energy-efficient resource allocation in C-RAN with fronthaul rate constraints <b>2016</b> ,   |     | 6  |
| 35 | Design of Pilot Assignment for Large-Scale Distributed Antenna Systems. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2016</b> , E99.A, 1674-1682                                     | 0.4 | 6  |
| 34 | Hierarchy precoder design for multi-cell multiuser multiple-input-multiple-output wireless networks with interference alignment. <i>IET Signal Processing</i> , <b>2016</b> , 10, 218-226   | 1.7 | 1  |
| 33 | . <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2016</b> , 2, 350-361  | 2.8 | 14 |



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|----|--|-----|----|
| 32 | Resource allocation for device-to-device and small cell uplink communication networks <b>2016,</b>   |     | 5  |
| 31 | Optimal remote radio head selection for cloud radio access networks. <i>Science China Information Sciences</i> , <b>2016</b> , 59, 1   | 3.4 | 10 |
| 30 | Energy-efficient transmission for decode-and-forward dual-hop networks with asymmetric traffic demands. <i>IET Communications</i> , <b>2015</b> , 9, 1781-1787   | 1.3 | 3  |
| 29 | Throughput enhancement schemes for IEEE 802.11ah based on multi-layer cooperation <b>2015,</b>   |     | 1  |
| 28 | Secure Beamforming for SWIPT in Multiuser MISO Broadcast Channel With Confidential Messages. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1347-1350  | 3.8 | 44 |
| 27 | Simultaneous Wireless Information and Power Transfer in a MISO Broadcast Channel with Confidential Messages <b>2015,</b>   |     | 5  |
| 26 | Three-Dimension Kronecker Channel Modeling and Correlation Analysis. <i>International Journal of Interdisciplinary Telecommunications and Networking</i> , <b>2015</b> , 7, 43-56  | 0.4 | 0  |
| 25 | Secure Transmission Scheme for SWIPT in MISO Broadcast Channel with Confidential Messages and External Eavesdroppers <b>2015,</b>  |     | 3  |
| 24 | Energy efficient multi-pair transmission in large-scale multi-antenna relay systems <b>2015,</b>   |     | 2  |
| 23 | Ergodic rate analysis for massive MIMO relay systems with multi-pair users under imperfect CSI <b>2015,</b>  |     | 8  |
| 22 | Performance analysis of self-organizing heterogeneous network with interference cancellation <b>2015,</b>  |     | 2  |
| 21 | Optimal Energy-Efficient Resource Allocation for Massive MIMO FDD Downlink System <b>2015,</b>   |     | 2  |
| 20 | Energy efficient power allocation scheme in heterogeneous cellular networks <b>2015,</b>   |     | 3  |
| 19 | Optimal Energy to Spectral-Efficiency Trade-off in Cooperative Networks. <i>Wireless Personal Communications</i> , <b>2015</b> , 82, 1547-1566   | 1.9 | 1  |
| 18 | Robust Beamforming for Joint Transceiver Design in K-User Interference Channel over Energy Efficient 5G. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2015</b> , E98.A, 1860-1864 | 0.4 | 1  |
| 17 | Approximate Closed-Form Energy Efficient PA for MIMO Relaying Systems in the High SNR Regime. <i>IEEE Communications Letters</i> , <b>2014</b> , 18, 1367-1370   | 3.8 | 9  |
| 16 | Optimal energy efficient joint power allocation for two-hop single-antenna relaying systems. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2014</b> , 25, 745-751   | 1.9 | 8  |
| 15 | Energy Efficient MIMO Relay Transmissions via Joint Power Allocations. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2014</b> , 61, 531-535   | 3.5 | 62 |

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| 14 | Degree-of-Freedom Based Transmission Protocol Design with Optimization for Multi-Cell Multi-User Green Systems. <i>IEICE Transactions on Communications</i> , <b>2014</b> , E97.B, 2784-2789 | 0.5 |    |
| 13 | A Two-Way MIMO Relaying Scheme with Partial Channel State Information. <i>Wireless Personal Communications</i> , <b>2013</b> , 72, 1949-1968   | 1.9 | 3  |
| 12 | Joint Transceiver Design for Cooperative Multi-cell Systems with Multiple Users. <i>Circuits, Systems, and Signal Processing</i> , <b>2013</b> , 32, 167-181                                 | 2.2 |    |
| 11 | Throughput enhancement for VHT WLANs based on two-level network allocation vector <b>2012</b> ,  |     | 5  |
| 10 | A Closed-Loop Macro Diversity Scheme in Cooperative Multi-Point Downlink Transmission Systems. <i>IEICE Transactions on Communications</i> , <b>2011</b> , E94.B, 2667-2671                  | 0.5 |    |
| 9  | Joint Power Allocation for Multicast Systems with Physical-Layer Network Coding. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2010</b> , 2010,                      | 3.2 | 3  |
| 8  | Robust distributed beamforming for two-way wireless relay systems <b>2010</b> ,  |     | 2  |
| 7  | An Asymptotically Optimal Cooperative Relay Scheme for Two-Way Relaying Protocol. <i>IEEE Signal Processing Letters</i> , <b>2010</b> , 17, 145-148  | 3.2 | 13 |
| 6  | Two-Way MIMO Relay Precoder Design with Channel State Information. <i>IEEE Transactions on Communications</i> , <b>2010</b> , 58, 3358-3363  | 6.9 | 37 |
| 5  | Joint power allocation based on link reliability for MIMO systems assisted by relay <b>2009</b> ,  |     | 1  |
| 4  | A Joint Source and Relay Power Allocation Scheme for a Class of MIMO Relay Systems. <i>IEEE Transactions on Signal Processing</i> , <b>2009</b> , 57, 4852-4860                              | 4.8 | 45 |
| 3  | Dynamic resource allocation for the downlink of multi-cell systems with full spectral reuse <b>2008</b> ,  |     | 2  |
| 2  | The performances of TiB2-contained iron-based coatings at high temperature. <i>Surface and Coatings Technology</i> , <b>2006</b> , 201, 2500-2504  | 4.4 | 20 |
| 1  | Coalitional Game-Based User Association Integrated With Open Loop Power Control for Green Communications in Uplink HCNs. <i>Wireless Personal Communications</i> , <b>1</b>                  | 1.9 |    |