# Wei Chen

## List of Publications by Year in Descending Order

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|---|---|---|---|
| 203 papers | 2,912 citations | 23 h-index | 47 g-index |
| 231 ext. papers | 3,875 ext. citations | 6.2 avg, IF | 6.07 L-index |

| # | Paper | IF | Citations |
|---|-------|----|-----------|
| 203 | Achieving Low Latency in Massive Access: A Mean-field Approach. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1 | 14.2 | 0 |
| 202 | Improving Physical Layer Security in Vehicles and Pedestrians Networks With Ambient Backscatter Communication. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-11 | 6.1 | 1 |
| 201 | Dynamic pricing based EV load management in distribution network. *Energy Reports*, **2022**, 8, 798-805 | 4.6 | 0 |
| 200 | UAV Aided Over-the-Air Computation. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | 4 |
| 199 | Placement and Concise MSE Lower-Bound for UAV-Enabled Localization via RSS. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1 | 6.8 | |
| 198 | Ultra-Reliable and Low-Latency Wireless Communications in the High SNR Regime: A Cross-Layer Tradeoff. *IEEE Transactions on Communications*, **2021**, 1-1 | 6.9 | 1 |
| 197 | Buffer-Aware Scheduling and Power Allocation for CoMP Transmission with Large-Scale Antennas. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | |
| 196 | Reconfigurable Intelligent Surface Assisted Massive MIMO with Antenna Selection. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | 5 |
| 195 | Delay Analysis of Wireless Federated Learning Based on Saddle Point Approximation and Large Deviation Theory. *IEEE Journal on Selected Areas in Communications*, **2021**, 1-1 | 14.2 | 7 |
| 194 | Resource Allocation for NOMA-MEC Systems in Ultra-Dense Networks: A Learning Aided Mean-Field Game Approach. *IEEE Transactions on Wireless Communications*, **2021**, 20, 1487-1500 | 9.6 | 10 |
| 193 | Computation Offloading in Heterogeneous Mobile Edge Computing With Energy Harvesting. *IEEE Transactions on Green Communications and Networking*, **2021**, 5, 552-565 | 4 | 9 |
| 192 | On the Effective Throughput of Coded Caching With Heterogeneous User Preferences: A Game Theoretic Perspective. *IEEE Transactions on Communications*, **2021**, 69, 1387-1402 | 6.9 | 4 |
| 191 | Monitoring Real-Time Status of Analog Sources: A Cross-Layer Approach. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 1309-1324 | 14.2 | 2 |
| 190 | Adaptive Power and Rate Control for Real-Time Status Updating Over Fading Channels. *IEEE Transactions on Wireless Communications*, **2021**, 20, 3095-3106 | 9.6 | 2 |
| 189 | Ultra Reliable and Low Latency Non-Orthogonal Multiple Access: A Cross-Layer Approach **2021**, | | 1 |
| 188 | Saddle Point Approximation Based Delay Analysis for Wireless Federated Learning **2021**, | | 1 |
| 187 | RIS Optimization on the Complex Circle Manifold for Interference Mitigation in Interference Channels. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 6184-6189 | 6.8 | 8 |

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|---|---|---|---|
| 186 | Cache-Enabled Multicast Content Pushing With Structured Deep Learning. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 2135-2149 | 14.2 | 1 |
| 185 | Low-Latency Short-Packet Transmission over a Large Spatial Scale. *Entropy*, **2021**, 23, | 2.8 | 1 |
| 184 | . *IEEE Transactions on Green Communications and Networking*, **2021**, 5, 106-118 | 4 | 2 |
| 183 | A Deterministic Scheduling Policy for Low-Latency Wireless Communication with Continuous Channel States. *IEEE Transactions on Communications*, **2021**, 1-1 | 6.9 | 1 |
| 182 | Federated Learning via Intelligent Reflecting Surface. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | 17 |
| 181 | Power and Rate Adaptive Pushing Over Fading Channels. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | 2 |
| 180 | Low-Latency and Energy-Efficient Wireless Communications with Energy Harvesting. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | |
| 179 | Over-the-Air Computation via Reconfigurable Intelligent Surface. *IEEE Transactions on Communications*, **2021**, 1-1 | 6.9 | 7 |
| 178 | Wireless Caching: Making Radio Access Networks More than Bit-Pipelines. *Network*, **2021**, 1, 146-164 | | 0 |
| 177 | Joint Lossy Compression and Power Allocation in Low Latency Wireless Communications for IIoT: A Cross-Layer Approach. *IEEE Transactions on Communications*, **2021**, 69, 5106-5120 | 6.9 | 0 |
| 176 | Error Rate Analysis of Non-Orthogonal Multiple Access With Residual Hardware Impairments. *IEEE Communications Letters*, **2021**, 25, 2522-2526 | 3.8 | 2 |
| 175 | Optimal trajectory and downlink power control for multi-type UAV aerial base stations. *Chinese Journal of Aeronautics*, **2021**, 34, 11-23 | 3.7 | 3 |
| 174 | Content Pushing Over Idle Timeslots: Performance Analysis and Caching Gains. *IEEE Transactions on Wireless Communications*, **2021**, 20, 5586-5598 | 9.6 | 3 |
| 173 | Achieving Extremely Low-Latency in Industrial Internet of Things: Joint Finite Blocklength Coding, Resource Block Matching, and Performance Analysis. *IEEE Transactions on Communications*, **2021**, 1-1 | 6.9 | 3 |
| 172 | Shadowing Cancellation and Iterative Newton-Gradient Algorithm for UAV-Assisted Localization. *IEEE Communications Letters*, **2021**, 1-1 | 3.8 | 1 |
| 171 | Joint Queue-Aware and Channel-Aware Scheduling for Non-Orthogonal Multiple Access. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | 3 |
| 170 | Joint Scheduling of Proactive Caching and On-Demand Transmission Traffics over Shared Spectrum. *IEEE Transactions on Communications*, **2021**, 1-1 | 6.9 | 1 |
| 169 | Mean-Field Approximation based Scheduling for Broadcast Channels with Massive Receivers **2021**, | | 1 |

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|---|---|---|---|
| 168 | Caching With Finite Buffer and Request Delay Information: A Markov Decision Process Approach. *IEEE Transactions on Wireless Communications*, **2020**, 19, 5148-5161 | 9.6 | 5 |
| 167 | Pilot-Efficient Scheduling for Large-Scale Antenna Aided Massive Machine-Type Communications: A Cross-Layer Approach. *IEEE Transactions on Communications*, **2020**, 68, 4262-4276 | 6.9 | 4 |
| 166 | QoS Differential Scheduling of URLLC Under FIFO Service Discipline: A Cross-Layer Approach. *IEEE Wireless Communications Letters*, **2020**, 9, 1370-1373 | 5.9 | 3 |
| 165 | Joint Channel and Queue Aware Scheduling for Latency Sensitive Mobile Edge Computing With Power Constraints. *IEEE Transactions on Wireless Communications*, **2020**, 19, 3938-3951 | 9.6 | 21 |
| 164 | Millimeter-Wave Networking in the Sky: A Machine Learning and Mean Field Game Approach for Joint Beamforming and Beam-Steering. *IEEE Transactions on Wireless Communications*, **2020**, 19, 6393-6408 | 9.6 | 22 |
| 163 | Energy-Efficient Pushing With Content Consumption Constraints: A Network Calculus Approach. *IEEE Transactions on Green Communications and Networking*, **2020**, 4, 301-314 | 4 | 1 |
| 162 | Real-Time Reconstruction of a Counting Process Through First-Come-First-Serve Queue Systems. *IEEE Transactions on Information Theory*, **2020**, 66, 4547-4562 | 2.8 | 10 |
| 161 | Delay-Optimal and Energy-Efficient Communications With Markovian Arrivals. *IEEE Transactions on Communications*, **2020**, 68, 1508-1523 | 6.9 | 13 |
| 160 | User Preference Aware Lossless Data Compression at the Edge. *IEEE Transactions on Communications*, **2020**, 68, 3792-3807 | 6.9 | 1 |
| 159 | Edge Caching in Multi-UAV-Enabled Radio Access Networks: 3D Modeling and Spectral Efficiency Optimization. *IEEE Transactions on Signal and Information Processing Over Networks*, **2020**, 6, 329-341 | 2.8 | 13 |
| 158 | A Pricing-based Joint Scheduling of Pushing and on-Demand Transmission Over Shared Spectrum **2020**, | | 1 |
| 157 | Delay Optimization in Multi-UAV Edge Caching Networks: A Robust Mean Field Game. *IEEE Transactions on Vehicular Technology*, **2020**, 1-1 | 6.8 | 9 |
| 156 | Minimizing the Queue-Length-Bound Violation Probability for URLLC: A Cross Layer Approach **2020**, | | 1 |
| 155 | Energy Efficient Joint Pushing and On-Demand Transmission over Shared Spectrum **2020**, | | 1 |
| 154 | Deep Reinforcement Learning Approaches for Content Caching in Cache-Enabled D2D Networks. *IEEE Internet of Things Journal*, **2020**, 7, 544-557 | 10.7 | 41 |
| 153 | Bandwidth and Storage Efficient Caching Based on Dynamic Programming and Reinforcement Learning. *IEEE Wireless Communications Letters*, **2020**, 9, 206-209 | 5.9 | 3 |
| 152 | Storage-Efficient Edge Caching With Asynchronous User Requests. *IEEE Transactions on Cognitive Communications and Networking*, **2020**, 6, 229-241 | 6.6 | 5 |
| 151 | Balancing Data Freshness and Distortion in Real-time Status Updating with Lossy Compression **2020**, | | 5 |

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|---|---|---|---|
| 150 | Successive Decode-and-Forward Relaying With Privacy-Aware Interference Suppression. *IEEE Access*, **2020**, 8, 95793-95806 | 3.5 | 4 |
| 149 | Content Caching Policy Based on GAN and Distributional Reinforcement Learning **2020**, | | 2 |
| 148 | An AoI-Optimal Scheduling Method for Wireless Transmissions with Truncated Channel Inversion **2020**, | | 3 |
| 147 | Federated Machine Learning for Intelligent IoT via Reconfigurable Intelligent Surface. *IEEE Network*, **2020**, 34, 16-22 | 11.4 | 52 |
| 146 | Joint Lossy Compression and Power Allocation for Delay-Sensitive Wireless Communications **2020**, | | 1 |
| 145 | Joint Framing and Finite-Blocklength Coding for URLLC in Multi-user Downlinks **2020**, | | 4 |
| 144 | Reconstruction of Counting Process in Real-Time: The Freshness of Information Through Queues **2019**, | | 10 |
| 143 | Coded Caching With Moderate Recommendation: Balancing Delivery Rate and Quality of Experience. *IEEE Wireless Communications Letters*, **2019**, 8, 1456-1459 | 5.9 | 4 |
| 142 | Machine Learning-Based Spectrum Efficiency Hybrid Precoding With Lens Array and Low-Resolution ADCs. *IEEE Access*, **2019**, 7, 117986-117996 | 3.5 | 12 |
| 141 | Energy-Efficient Joint Pushing and Caching Based on Markov Decision Process. *IEEE Transactions on Green Communications and Networking*, **2019**, 3, 433-445 | 4 | 3 |
| 140 | Spectral- and Energy-Efficiency of Multi-Pair Two-Way Massive MIMO Relay Systems Experiencing Channel Aging. *IEEE Access*, **2019**, 7, 46014-46032 | 3.5 | 7 |
| 139 | Request Delay-Based Pricing for Proactive Caching: A Stackelberg Game Approach. *IEEE Transactions on Wireless Communications*, **2019**, 18, 2903-2918 | 9.6 | 12 |
| 138 | Non-Orthogonal Multiple Access for Delay-Sensitive Communications: A Cross-Layer Approach. *IEEE Transactions on Communications*, **2019**, 67, 5053-5068 | 6.9 | 14 |
| 137 | The Roadmap to 6G: AI Empowered Wireless Networks. *IEEE Communications Magazine*, **2019**, 57, 84-90 | 9.1 | 580 |
| 136 | Content Pushing Over Multiuser MISO Downlinks With Multicast Beamforming and Recommendation: A Cross-Layer Approach. *IEEE Transactions on Communications*, **2019**, 67, 7263-7276 | 6.9 | 8 |
| 135 | Optimal Caching Strategy for Coordinated Small-Cells With Limited Backhaul. *IEEE Wireless Communications Letters*, **2019**, 8, 1583-1586 | 5.9 | 4 |
| 134 | Quantum Search-Aided Multi-User Detection for Sparse Code Multiple Access. *IEEE Access*, **2019**, 7, 52804-52817 | 3.5 | 7 |
| 133 | . *IEEE Transactions on Communications*, **2019**, 67, 6153-6167 | 6.9 | 14 |

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|---|---|---|---|
| 114 | A Probabilistic Scheduling Policy for Energy Efficient UAV Communications with Delay Constraints **2018**, | | 2 |
| 113 | Coded Caching with Joint Content Recommendation and User Grouping **2018**, | | 3 |
| 112 | Pricing for Content Pushing with Request Delay Information: A Stackelberg Game Approach **2018**, | | 2 |
| 111 | Joint Pushing and Recommendation for Susceptible Users with Time-Varying Connectivity **2018**, | | 5 |
| 110 | Delay-Power Tradeoff of Fixed-Rate Wireless Transmission With Arbitrarily Bursty Traffics. *IEEE Access*, **2017**, 5, 1668-1681 | 3.5 | 6 |
| 109 | Joint Optimization of Constellation With Mapping Matrix for SCMA Codebook Design. *IEEE Signal Processing Letters*, **2017**, 24, 264-268 | 3.2 | 38 |
| 108 | Content Pushing With Request Delay Information. *IEEE Transactions on Communications*, **2017**, 65, 1146-1161 | 6.9 | 39 |
| 107 | Delay-Optimal Buffer-Aware Scheduling With Adaptive Transmission. *IEEE Transactions on Communications*, **2017**, 65, 2917-2930 | 6.9 | 22 |
| 106 | Energy Efficient Wireless Pushing With Request Delay Information and Delivery Delay Constraint. *IEEE Access*, **2017**, 5, 15428-15441 | 3.5 | 9 |
| 105 | New Word Extraction From Chinese Financial Documents. *IEEE Signal Processing Letters*, **2017**, 24, 770-773 | 3.2 | 3 |
| 104 | . *IEEE Transactions on Cognitive Communications and Networking*, **2017**, 3, 201-216 | 6.6 | 12 |
| 103 | Topological Interference Management With User Admission Control via Riemannian Optimization. *IEEE Transactions on Wireless Communications*, **2017**, 16, 7362-7375 | 9.6 | 12 |
| 102 | Delay Optimal Scheduling for ARQ-Aided Power-Constrained Packet Transmission Over Multi-State Fading Channels. *IEEE Transactions on Wireless Communications*, **2017**, 16, 7123-7137 | 9.6 | 14 |
| 101 | Analog Network-Coded Modulation With Maximum Euclidean Distance: Mapping Criterion and Constellation Design. *IEEE Access*, **2017**, 5, 18271-18286 | 3.5 | 5 |
| 100 | Coalition Formation Approaches for Cooperative Networks With SWIPT. *IEEE Access*, **2017**, 5, 17644-17659 | 3.5 | 6 |
| 99 | Adaptive AF/DF Selection With FD/HD Switching in Two-Way Relay Networks. *IEEE Access*, **2017**, 5, 11594-11605 | 3.5 | 5 |
| 98 | . *IEEE Transactions on Vehicular Technology*, **2017**, 66, 4845-4858 | 6.8 | 1 |
| 97 | Multicast-pushing with human-in-the-loop: Where social networks meet wireless communications **2017**, | | 8 |

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|---|---|---|---|
| 96 | Joint Pushing and Caching Based on Physical Layer Multicasting and Network Coding **2017**, | | 1 |
| 95 | Sparse Network Completion via Discrete-Constrained Nuclear-Norm Minimization. *IEEE Signal Processing Letters*, **2017**, 24, 1896-1900 | 3.2 | |
| 94 | Joint pushing and caching communication with 2-dimensional queue model: Delay-cost tradeoff (Invited Paper) **2017**, | | 1 |
| 93 | On Outage of Wireless Cloud Computing: Offloading Optimization and Bottleneck Analysis **2017**, | | 2 |
| 92 | Delay Optimal Non-Orthogonal Multiple Access with Joint Scheduling and Superposition Coding **2017**, | | 5 |
| 91 | On Delay-Power Tradeoff of Rate Adaptive Wireless Communications with Random Arrivals **2017**, | | 3 |
| 90 | Caching based socially-aware D2D communications in wireless content delivery networks: a hypergraph framework. *IEEE Wireless Communications*, **2016**, 23, 74-81 | 13.4 | 103 |
| 89 | Truncated-ARQ Aided Adaptive Network Coding for Cooperative Two-Way Relaying Networks: Cross-Layer Design and Analysis. *IEEE Access*, **2016**, 4, 9361-9376 | 3.5 | 8 |
| 88 | Energy Harvesting Aided Multiuser Transmission in Spectrum Sharing Networks. *IEEE Access*, **2016**, 4, 4038-4045 | 3.5 | 7 |
| 87 | Outage bottleneck for reliable mobile computation offloading: Transmission or computation? **2016** , | | 4 |
| 86 | . *IEEE Journal on Selected Areas in Communications*, **2016**, 34, 1022-1036 | 14.2 | 51 |
| 85 | . *IEEE Transactions on Vehicular Technology*, **2016**, 65, 8036-8051 | 6.8 | 3 |
| 84 | . *IEEE Transactions on Wireless Communications*, **2016**, 15, 2925-2939 | 9.6 | 7 |
| 83 | Cross-Layer Design of Adaptive Network-Coded QAM Aided Truncated ARQ in Two-Way Relaying **2016**, | | 1 |
| 82 | Physical layer security game with full-duplex proactive eavesdropper **2016**, | | 2 |
| 81 | Content Pushing Based on Physical Layer Multicasting and Request Delay Information **2016**, | | 15 |
| 80 | Delay Optimal Scheduling of Arbitrarily Bursty Traffic over Multi-State Time-Varying Channels **2016** , | | 4 |
| 79 | 4-DMWM Approach for Caching Based Optimal D2D Pairing and Channel Allocation: Centralized and Distributed Algorithm Design. *IEEE Access*, **2016**, 4, 9213-9224 | 3.5 | 9 |

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|---|---|---|---|
| 78 | Joint pushing and caching with a finite receiver buffer: Optimal policies and throughput analysis **2016**, | | 12 |
| 77 | **2016**, | | 3 |
| 76 | Hypergraph-Based Wireless Distributed Storage Optimization for Cellular D2D Underlays. *IEEE Journal on Selected Areas in Communications*, **2016**, 34, 2650-2666 | 14.2 | 62 |
| 75 | Delay-optimal data transmission in renewable energy aided cognitive radio networks **2016**, | | 2 |
| 74 | Delay Optimal Scheduling for Energy Harvesting Based Communications. *IEEE Journal on Selected Areas in Communications*, **2015**, 33, 452-466 | 14.2 | 21 |
| 73 | Outage Minimization for a Fading Wireless Link With Energy Harvesting Transmitter and Receiver. *IEEE Journal on Selected Areas in Communications*, **2015**, 33, 496-511 | 14.2 | 45 |
| 72 | . *IEEE Transactions on Vehicular Technology*, **2015**, 64, 1519-1534 | 6.8 | 45 |
| 71 | GreenDelivery: proactive content caching and push with energy-harvesting-based small cells **2015**, 53, 142-149 | | 91 |
| 70 | DNF&F Selection Two-Way Relaying. *Wireless Personal Communications*, **2015**, 80, 805-818 | 1.9 | 5 |
| 69 | Joint channel and queue aware scheduling for wireless links with multiple fading states **2015**, | | 2 |
| 68 | **2015**, | | 6 |
| 67 | . *Tsinghua Science and Technology*, **2015**, 20, 574-582 | 3.4 | |
| 66 | Energy Efficient Secure Communication Over Decode-and-Forward Relay Channels. *IEEE Transactions on Communications*, **2015**, 63, 892-905 | 6.9 | 37 |
| 65 | . *IEEE Transactions on Vehicular Technology*, **2014**, 63, 107-118 | 6.8 | 17 |
| 64 | Iterative Antenna Selection for Multi-Stream MIMO under a Holistic Power Model. *IEEE Wireless Communications Letters*, **2014**, 3, 82-85 | 5.9 | 10 |
| 63 | Joint network and Gelfand-Pinsker coding for 3-receiver Gaussian broadcast channels with receiver message side information **2014**, | | 9 |
| 62 | CAO-SIR: Channel Aware Ordered Successive Relaying. *IEEE Transactions on Wireless Communications*, **2014**, 13, 6513-6527 | 9.6 | 20 |
| 61 | Power control policies for a wireless link with energy harvesting transmitter and receiver **2014**, | | 5 |

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|---|---|---|---|
| 60 | Variable-Rate, Variable-Power Network-Coded-QAM/PSK for Bi-Directional Relaying Over Fading Channels. *IEEE Transactions on Communications*, **2014**, 62, 3631-3643 | 6.9 | 10 |
| 59 | To Code or Not to Code: Maximizing the Achievable Rate Region of Two-Way Decode-and-Forward Multiantenna Relay Channel. *IEEE Communications Letters*, **2014**, 18, 1303-1306 | 3.8 | 1 |
| 58 | A Low Complexity Energy Efficiency Maximization Method for Multiuser Amplify-and-Forward MIMO Relay Systems With a Holistic Power Model. *IEEE Communications Letters*, **2014**, 18, 1371-1374 | 3.8 | 9 |
| 57 | . *IEEE Transactions on Vehicular Technology*, **2014**, 63, 2600-2612 | 6.8 | 165 |
| 56 | . *IEEE Transactions on Vehicular Technology*, **2014**, 63, 4077-4091 | 6.8 | 35 |
| 55 | Joint network and dirty-paper coding for multi-way relay networks with pairwise information exchange **2014**, | | 3 |
| 54 | Electric vehicle charging scheduling under local renewable energy and stochastic grid power price **2014**, | | 2 |
| 53 | Outage optimal subcarrier allocation for downlink secure OFDMA systems **2014**, | | 5 |
| 52 | Iterative Antenna Selection for Decode-and-Forward MIMO Relay Systems Under a Holistic Power Model. *IEEE Communications Letters*, **2014**, 18, 2237-2240 | 3.8 | 3 |
| 51 | On Energy Efficiency Maximization in Downlink MIMO Systems Exploiting Multiuser Diversity. *IEEE Communications Letters*, **2014**, 18, 2161-2164 | 3.8 | 5 |
| 50 | Spectrum sharing in frequency-selective unlicensed bands: a game theoretic approach. *Wireless Communications and Mobile Computing*, **2014**, 14, 460-471 | 1.9 | 3 |
| 49 | Active interference cancellation-aided QoS-aware distributed ARQ for cognitive radios with heterogeneous traffics. *Eurasip Journal on Wireless Communications and Networking*, **2013**, 2013, | 3.2 | 2 |
| 48 | . *IEEE/ACM Transactions on Networking*, **2013**, 21, 110-120 | 3.8 | 14 |
| 47 | A Cross-Layer Design for Rateless Coding with Optimal Packet Size over Block Fading Channels. *Wireless Personal Communications*, **2013**, 70, 177-187 | 1.9 | 1 |
| 46 | Maximum Euclidean distance network coded modulation for asymmetric decode-and-forward two-way relaying. *IET Communications*, **2013**, 7, 988-998 | 1.3 | 13 |
| 45 | Energy-spectral efficient transmission policy for energy harvesting nodes with rate requirement **2013**, | | 1 |
| 44 | Coalitional game theoretic approach for cooperative transmission in vehicular networks **2013**, | | 8 |
| 43 | . *IEEE Transactions on Information Theory*, **2013**, 59, 1657-1677 | 2.8 | 65 |

| 42 | A Leakage-Aware CS/CB Scheme for Heterogeneous CoMP Networks with Layered Limited Feedback. *IEICE Transactions on Communications*, **2013**, E96.B, 363-366 | 0.5 | 4 |
|----|----|----|----|
| 41 | . *IEEE Journal on Selected Areas in Communications*, **2012**, 30, 397-406 | 14.2 | 19 |
| 40 | Cooperative Beamforming for Cognitive Radio Networks: A Cross-Layer Design. *IEEE Transactions on Communications*, **2012**, 60, 1420-1431 | 6.9 | 41 |
| 39 | Opportunistic DF-AF selection relaying with optimal relay selection in Nakagami-m fading environments **2012**, | | 7 |
| 38 | Online quickest multiarmed bandit algorithm for distributive renewable energy resources **2012**, | | 2 |
| 37 | . *IEEE/ACM Transactions on Networking*, **2012**, 20, 1389-1401 | 3.8 | 31 |
| 36 | Delay Optimal Scheduling for Cognitive Radios with Cooperative Beamforming: A Structured Matrix-Geometric Method. *IEEE Transactions on Mobile Computing*, **2012**, 11, 1412-1423 | 4.6 | 14 |
| 35 | A joint scheduling and Beamforming method based on layered limited feedback **2012**, | | 1 |
| 34 | Joint relay selection and subchannel allocation for amplify-and-forward OFDMA cooperative networks **2012**, | | 4 |
| 33 | ARQ versus Rateless Coding: From a point of view of redundancy **2012**, | | 2 |
| 32 | . *IEEE Journal on Selected Areas in Communications*, **2011**, 29, 161-172 | 14.2 | 26 |
| 31 | Cooperative Beamforming Aided Incremental Relaying in Cognitive Radios **2011**, | | 7 |
| 30 | . *IEEE Transactions on Wireless Communications*, **2011**, 10, 3675-3687 | 9.6 | 10 |
| 29 | ARCOR: Agile Rateless Coded Relaying for Cognitive Radios. *IEEE Transactions on Vehicular Technology*, **2011**, 60, 2777-2789 | 6.8 | 8 |
| 28 | . *IEEE Transactions on Vehicular Technology*, **2011**, 60, 4427-4438 | 6.8 | 14 |
| 27 | A Simple Probabilistic Relay Selection Protocol for Asynchronous Multi-Relay Networks Employing Rateless Codes **2011**, | | 3 |
| 26 | **2011**, | | 10 |
| 25 | Achieving Spectral Efficient Cooperative Diversity with Network Interference Cancellation **2011**, | | 2 |

| 24 | Optimal Relay Selection and Channel Allocation for Multi-User Analog Two-Way Relay Systems **2011**, | | 2 |
|---|---|---|---|
| 23 | RBG Matching Based Optimal Relay Selection and Subchannel Allocation **2011**, | | 2 |
| 22 | Outage Exponent for OFDM Channels **2010**, | | 3 |
| 21 | Uplink Cross-Layer Scheduling with Differential QoS Requirements in OFDMA Systems. *Eurasip Journal on Wireless Communications and Networking*, **2010**, 2010, | 3.2 | 7 |
| 20 | A Joint PHY-MAC Spectrum Sensing Algorithm Exploiting Sequential Detection. *IEEE Signal Processing Letters*, **2010**, 17, 703-706 | 3.2 | 16 |
| 19 | Throughput-Efficient Rateless Coding with Packet Length Optimization for Practical Wireless Communication Systems **2010**, | | 5 |
| 18 | A Semi Range-Based Iterative Localization Algorithm for Cognitive Radio Networks. *IEEE Transactions on Vehicular Technology*, **2010**, 59, 704-717 | 6.8 | 23 |
| 17 | . *IEEE Transactions on Communications*, **2010**, 58, 1161-1171 | 6.9 | 28 |
| 16 | **2009**, | | 3 |
| 15 | A cross-layer approach to enable multipacket transmission in MIMO-SDMA based WLAN. *Journal of Zhejiang University: Science A*, **2009**, 10, 271-278 | 2.1 | |
| 14 | . *IEEE Transactions on Wireless Communications*, **2009**, 8, 5982-5999 | 9.6 | 17 |
| 13 | A Distributed Beamforming Approach for Enhanced Opportunistic Spectrum Access in Cognitive Radios **2009**, | | 19 |
| 12 | A Rateless Coding Based Multi-Relay Cooperative Transmission Scheme for Cognitive Radio Networks **2009**, | | 10 |
| 11 | Low-complexity hierarchical spectrum sharing scheme in cognitive radio networks. *IEEE Communications Letters*, **2009**, 13, 770-772 | 3.8 | 3 |
| 10 | . *IEEE Transactions on Wireless Communications*, **2009**, 8, 3679-3691 | 9.6 | 23 |
| 9 | Optimal Power Allocation for Spectrum Sharing in Frequency-Selective Unlicensed Bands. *IEEE Communications Letters*, **2008**, 12, 511-513 | 3.8 | 7 |
| 8 | A Unified Cross-Layer Framework for Resource Allocation in Cooperative Networks. *IEEE Transactions on Wireless Communications*, **2008**, 7, 3000-3012 | 9.6 | 44 |
| 7 | **2008**, | | 1 |

# List of Publications

| | | |
|---|---|---|
| 6 | Achieving High Frequency Diversity with Subcarrier Allocation in OFDMA Systems **2008**, | 13 |
| 5 | Optimal Delay-Power Tradeoff in Wireless Transmission with Fixed Modulation **2007**, | 24 |
| 4 | Fair and Efficient Resource Allocation for Cooperative Diversity in Ad-Hoc Wireless Networks **2007**, | 2 |
| 3 | A Fair Multiuser Cooperation Protocol for Increasing the Throughput in Energy-Constrained Ad-hoc Networks **2006**, | 9 |
| 2 | WLC46-6: Cooperative Interference Cancellation in Multi-hop Wireless Networks: A Cross Layer Approach. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**, | 1 |
| 1 | A Cross Layer Method for Interference Cancellation and Network Coding in Wireless Networks **2006**, | 17 |