# Meixia Tao

## List of Publications by Year in Descending Order

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|---|---|---|---|
| 190 papers | 5,417 citations | 39 h-index | 68 g-index |
| 223 ext. papers | 6,828 ext. citations | 6.9 avg, IF | 6.54 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 190 | Joint Design of Hybrid Beamforming and Reflection Coefficients in RIS-aided mmWave MIMO Systems. *IEEE Transactions on Communications*, **2022**, 1-1 | 6.9 | 3 |
| 189 | Editorial Issue on Information Theoretic Foundations of Future Communication Systems *IEEE Journal on Selected Areas in Information Theory*, **2022**, 3, 2-4 | 2.5 | |
| 188 | Mobile Communications, Computing and Caching Resources Allocation for Diverse Services via Multi-Objective Proximal Policy Optimization. *IEEE Transactions on Communications*, **2022**, 1-1 | 6.9 | |
| 187 | Computation Capacity Enhancement by Joint UAV and RIS Design in IoT. *IEEE Internet of Things Journal*, **2022**, 1-1 | 10.7 | |
| 186 | Learning Based Branch-and-Bound for Non-Convex Complex Modulus Constrained Problems with Applications in Wireless Communications. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | 1 |
| 185 | Joint Design of Hybrid Beamforming and Phase Shifts in RIS-Aided mmWave Communication Systems **2021**, | | 2 |
| 184 | New Results on the Computation-Communication Tradeoff for Heterogeneous Coded Distributed Computing. *IEEE Transactions on Communications*, **2021**, 69, 2254-2270 | 6.9 | 4 |
| 183 | Decentralized Multi-Agent Multi-Armed Bandit Learning With Calibration for Multi-Cell Caching. *IEEE Transactions on Communications*, **2021**, 69, 2457-2472 | 6.9 | 6 |
| 182 | Coded Computing and Cooperative Transmission for Wireless Distributed Matrix Multiplication. *IEEE Transactions on Communications*, **2021**, 69, 2224-2239 | 6.9 | 2 |
| 181 | Distributed Online Caching for High-Definition Maps in Autonomous Driving Systems. *IEEE Wireless Communications Letters*, **2021**, 10, 1390-1394 | 5.9 | 3 |
| 180 | Deep Learning for Wireless Coded Caching With Unknown and Time-Variant Content Popularity. *IEEE Transactions on Wireless Communications*, **2021**, 20, 1152-1163 | 9.6 | 8 |
| 179 | Joint Resource and Trajectory Optimization for Security in UAV-Assisted MEC Systems. *IEEE Transactions on Communications*, **2021**, 69, 573-588 | 6.9 | 37 |
| 178 | Content Caching Oriented Popularity Prediction: A Weighted Clustering Approach. *IEEE Transactions on Wireless Communications*, **2021**, 20, 623-636 | 9.6 | 9 |
| 177 | . *IEEE Transactions on Wireless Communications*, **2021**, 20, 69-82 | 9.6 | 9 |
| 176 | Millidegree-Level Direction-of-Arrival Estimation and Tracking for Terahertz Ultra-Massive MIMO Systems. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | 2 |
| 175 | Coded Caching with Device Computing in Mobile Edge Computing Systems. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | 1 |
| 174 | Resource Allocation for Deterministic Delay in Wireless Control Networks. *IEEE Wireless Communications Letters*, **2021**, 1-1 | 5.9 | |

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| 173 | Gradient Statistics Aware Power Control for Over-the-Air Federated Learning. *IEEE Transactions on Wireless Communications*, **2021**, 20, 5115-5128 | 9.6 | 24 |
| 172 | Deep-Learned Approximate Message Passing for Asynchronous Massive Connectivity. *IEEE Transactions on Wireless Communications*, **2021**, 20, 5434-5448 | 9.6 | 7 |
| 171 | Robust Secure UAV Communications With the Aid of Reconfigurable Intelligent Surfaces. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | 44 |
| 170 | UAV-Assisted MEC Networks with Aerial and Ground Cooperation. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 | 9.6 | 9 |
| 169 | A Learning Based Branch-and-Bound Algorithm for Single-Group Multicast Beamforming **2021**, | | 1 |
| 168 | Exploiting Computation Replication for Mobile Edge Computing: A Fundamental Computation-Communication Tradeoff Study. *IEEE Transactions on Wireless Communications*, **2020**, 19, 4563-4578 | 9.6 | 20 |
| 167 | Channel Path Identification in mmWave Systems With Large-Scale Antenna Arrays. *IEEE Transactions on Communications*, **2020**, 68, 5549-5562 | 6.9 | 7 |
| 166 | Bandwidth Gain From Mobile Edge Computing and Caching in Wireless Multicast Systems. *IEEE Transactions on Wireless Communications*, **2020**, 19, 3992-4007 | 9.6 | 16 |
| 165 | Degrees of Freedom of Cache-Aided Wireless Cellular Networks. *IEEE Transactions on Communications*, **2020**, 68, 2777-2792 | 6.9 | 3 |
| 164 | Collaborative Multi-Agent Multi-Armed Bandit Learning for Small-Cell Caching. *IEEE Transactions on Wireless Communications*, **2020**, 19, 2570-2585 | 9.6 | 23 |
| 163 | A Unified Framework for Communications, Computing and Caching Resources Allocation in Mobile Networks **2020**, | | 1 |
| 162 | Edge and Central Cloud Computing: A Perfect Pairing for High Energy Efficiency and Low-Latency. *IEEE Transactions on Wireless Communications*, **2020**, 19, 1070-1083 | 9.6 | 21 |
| 161 | . *IEEE Transactions on Communications*, **2020**, 68, 301-316 | 6.9 | 3 |
| 160 | Content Caching and Delivery in MIMO Fog-RANs With Wireless Fronthaul at Small Cache Size. *IEEE Wireless Communications Letters*, **2020**, 9, 376-379 | 5.9 | 2 |
| 159 | Multi-Cell Mobile Edge Coded Computing: Trading Communication and Computing for Distributed Matrix Multiplication **2020**, | | 3 |
| 158 | Coded Caching with Device Computing for Content Computation in Mobile Systems **2020**, | | 2 |
| 157 | Gradient Statistics Aware Power Control for Over-the-Air Federated Learning in Fading Channels **2020**, | | 5 |
| 156 | Optimal Task Offloading and Resource Allocation in Mobile-Edge Computing With Inter-User Task Dependency. *IEEE Transactions on Wireless Communications*, **2020**, 19, 235-250 | 9.6 | 73 |

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| 137 | Collaborative Multi-Agent Reinforcement Learning of Caching Optimization in Small-Cell Networks **2018**, | | 8 |
| 136 | **2018**, | | 2 |
| 135 | Exploiting Computation Replication in Multi-User Multi-Server Mobile Edge Computing Networks **2018**, | | 4 |
| 134 | Fundamental Limits of Decentralized Caching in Fog-RANs with Wireless Fronthaul **2018**, | | 9 |
| 133 | User-Centric Joint Access-Backhaul Design for Full-Duplex Self-Backhauled Cooperative Networks **2018**, | | 2 |
| 132 | Adaptive Transmission Design in Fog Radio Access Networks with Partition-Based Caching **2018**, | | 1 |
| 131 | Guest Editorial Caching for Communication Systems and Networks——Part II. *IEEE Journal on Selected Areas in Communications*, **2018**, 36, 1663-1665 | 14.2 | 2 |
| 130 | The Role of Caching in Future Communication Systems and Networks. *IEEE Journal on Selected Areas in Communications*, **2018**, 36, 1111-1125 | 14.2 | 114 |
| 129 | A Belief Propagation Approach for Caching Strategy Design in D2D Networks **2018**, | | 1 |
| 128 | Communication, Computing and Caching for Mobile VR Delivery: Modeling and Trade-Off **2018**, | | 19 |
| 127 | ADMM-Based Fast Algorithm for Multi-Group Multicast Beamforming in Large-Scale Wireless Systems. *IEEE Transactions on Communications*, **2017**, 65, 2685-2698 | 6.9 | 52 |
| 126 | Optimal DoF Region for the Asymmetric Two-Pair MIMO Two-Way Relay Channel. *IEEE Transactions on Signal Processing*, **2017**, 65, 1700-1711 | 4.8 | 7 |
| 125 | Optimal Dynamic Multicast Scheduling for Cache-Enabled Content-Centric Wireless Networks. *IEEE Transactions on Communications*, **2017**, 65, 2956-2970 | 6.9 | 65 |
| 124 | Modeling, Analysis, and Optimization of Coded Caching in Small-Cell Networks. *IEEE Transactions on Communications*, **2017**, 1-1 | 6.9 | 60 |
| 123 | Fundamental Tradeoff Between Storage and Latency in Cache-Aided Wireless Interference Networks. *IEEE Transactions on Information Theory*, **2017**, 63, 7464-7491 | 2.8 | 73 |
| 122 | Fundamental Storage-Latency Tradeoff in Cache-Aided MIMO Interference Networks. *IEEE Transactions on Wireless Communications*, **2017**, 16, 5061-5076 | 9.6 | 38 |
| 121 | Multicast Beamforming Design in Multicell Networks With Successive Group Decoding. *IEEE Transactions on Wireless Communications*, **2017**, 16, 3492-3506 | 9.6 | 7 |
| 120 | Analysis and Optimization of Probabilistic Caching in Multi-Antenna Small-Cell Networks **2017**, | | 8 |

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| 119 | Backhaul-Constrained Joint Beamforming for Non-Orthogonal Multicast and Unicast Transmission **2017**, | | 2 |
| 118 | Design of Contract-Based Trading Mechanism for a Small-Cell Caching System. *IEEE Transactions on Wireless Communications*, **2017**, 16, 6602-6617 | 9.6 | 47 |
| 117 | Cooperative caching for spectrum access in cognitive radio networks **2017**, | | 8 |
| 116 | . *IEEE Journal on Selected Areas in Communications*, **2017**, 35, 2127-2136 | 14.2 | 49 |
| 115 | Probabilistic caching in multi-tier heterogeneous networks: Optimization and tradeoff **2017**, | | 3 |
| 114 | Joint multicast and unicast beamforming for the MISO downlink interference channel **2017**, | | 10 |
| 113 | Cache-Aided Interference Management in Partially Connected Wireless Networks **2017**, | | 8 |
| 112 | Compressed Channel Estimation With Position-Based ICI Elimination for High-Mobility SIMO-OFDM Systems. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 6204-6216 | 6.8 | 29 |
| 111 | Optimal Degrees of Freedom Region for the Asymmetric MIMO Y Channel. *IEEE Communications Letters*, **2016**, 20, 2454-2457 | 3.8 | 5 |
| 110 | Caching incentive design in wireless D2D networks: A Stackelberg game approach **2016**, | | 71 |
| 109 | Energy-efficient resource allocation for multiple description coding based multicast services in OFDMA networks **2016**, | | 2 |
| 108 | Content-Centric Sparse Multicast Beamforming for Cache-Enabled Cloud RAN. *IEEE Transactions on Wireless Communications*, **2016**, 15, 6118-6131 | 9.6 | 324 |
| 107 | Stochastic Content-Centric Multicast Scheduling for Cache-Enabled Heterogeneous Cellular Networks. *IEEE Transactions on Wireless Communications*, **2016**, 15, 6284-6297 | 9.6 | 87 |
| 106 | Energy-Efficient Resource Allocation for Wireless Powered Communication Networks. *IEEE Transactions on Wireless Communications*, **2016**, 15, 2312-2327 | 9.6 | 234 |
| 105 | Joint Tx/Rx Energy-Efficient Scheduling in Multi-Radio Wireless Networks: A Divide-and-Conquer Approach. *IEEE Transactions on Wireless Communications*, **2016**, 15, 2727-2740 | 9.6 | 26 |
| 104 | Channel Estimation, Carrier Recovery, and Data Detection in the Presence of Phase Noise in OFDM Relay Systems. *IEEE Transactions on Wireless Communications*, **2016**, 15, 1186-1205 | 9.6 | 16 |
| 103 | Optimal DoF Region for the Asymmetric Two-Pair MIMO Two-Way Relay Channel **2016**, | | 3 |
| 102 | Cooperative Tx/Rx caching in interference channels: A storage-latency tradeoff study **2016**, | | 26 |

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| 101 | Degrees of Freedom of MIMO Multiway Relay Channel With Clustered Pairwise Exchange. *IEEE Journal on Selected Areas in Communications*, **2015**, 33, 337-351 | 14.2 | 19 |
| 100 | Position-Based Compressed Channel Estimation and Pilot Design for High-Mobility OFDM Systems. *IEEE Transactions on Vehicular Technology*, **2015**, 64, 1918-1929 | 6.8 | 61 |
| 99 | . *IEEE Wireless Communications*, **2015**, 22, 52-60 | 13.4 | 17 |
| 98 | A channel sensing based design for LTE in unlicensed bands **2015**, | | 28 |
| 97 | Delay-Aware Energy-Efficient Communications Over Nakagami- $m$ Fading Channel With MMPP Traffic. *IEEE Transactions on Communications*, **2015**, 63, 3008-3020 | 6.9 | 11 |
| 96 | Joint multicast beamforming and user grouping in massive MIMO systems **2015**, | | 18 |
| 95 | Compressed channel estimation for high-mobility OFDM systems: Pilot symbol and pilot pattern design **2015**, | | 6 |
| 94 | Content-Centric Multicast Beamforming in Cache-Enabled Cloud Radio Access Networks **2015**, | | 28 |
| 93 | . *IEEE Transactions on Information Theory*, **2015**, 61, 3365-3386 | 2.8 | 20 |
| 92 | Joint Tx/Rx Energy-efficient scheduling in multi-radio networks: A divide-and-conquer approach **2015**, | | 1 |
| 91 | A new DoF upper bound and its achievability for K-user MIMO Y channels **2015**, | | 1 |
| 90 | Optimal dynamic multicast scheduling for cache-enabled content-centric wireless networks **2015**, | | 16 |
| 89 | Stochastic Throughput Optimization for Two-Hop Systems With Finite Relay Buffers. *IEEE Transactions on Signal Processing*, **2015**, 63, 5546-5560 | 4.8 | 20 |
| 88 | Resource Allocation for Joint Transmitter and Receiver Energy Efficiency Maximization in Downlink OFDMA Systems. *IEEE Transactions on Communications*, **2015**, 63, 416-430 | 6.9 | 79 |
| 87 | Channel Estimation and Optimal Training Design for Correlated MIMO Two-Way Relay Systems in Colored Environment. *IEEE Transactions on Wireless Communications*, **2015**, 14, 2684-2699 | 9.6 | 10 |
| 86 | Secure Beamforming for MIMO Two-Way Communications With an Untrusted Relay. *IEEE Transactions on Signal Processing*, **2014**, 62, 2185-2199 | 4.8 | 127 |
| 85 | Massive MIMO multicasting in noncooperative multicell networks **2014**, | | 8 |
| 84 | A Decentralized Sleep Mechanism in Heterogeneous Cellular Networks With QoS Constraints. *IEEE Wireless Communications Letters*, **2014**, 3, 509-512 | 5.9 | 23 |

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| 83 | . *IEEE Transactions on Communications*, **2014**, 62, 2366-2377 | 6.9 | 272 |
| 82 | Outage Analysis of Cooperative Secrecy Multicast Transmission. *IEEE Wireless Communications Letters*, **2014**, 3, 161-164 | 5.9 | 24 |
| 81 | Massive MIMO Multicasting in Noncooperative Cellular Networks. *IEEE Journal on Selected Areas in Communications*, **2014**, 32, 1180-1193 | 14.2 | 100 |
| 80 | Dynamic uplink/downlink configuration using Q-learning in femtocell networks **2014**, | | 6 |
| 79 | On content-centric wireless delivery networks. *IEEE Wireless Communications*, **2014**, 21, 118-125 | 13.4 | 92 |
| 78 | Optimal energy-efficient transmission for fading channels with an energy harvesting transmitter **2014**, | | 6 |
| 77 | Generalized signal alignment for arbitrary MIMO two-way relay channels **2014**, | | 8 |
| 76 | Channel estimation and carrier recovery in the presence of phase noise in OFDM relay systems **2014**, | | 1 |
| 75 | Outage Probability and Finite-SNR Diversity Multiplexing Tradeoff for Two-Way Relay Fading Channels. *IEEE Transactions on Vehicular Technology*, **2013**, 62, 3123-3136 | 6.8 | 16 |
| 74 | Channel Estimation for OFDM Systems over Doubly Selective Channels: A Distributed Compressive Sensing Based Approach. *IEEE Transactions on Communications*, **2013**, 61, 4173-4185 | 6.9 | 71 |
| 73 | Spectrum leasing and cooperative resource allocation in cognitive OFDMA networks. *Journal of Communications and Networks*, **2013**, 15, 102-110 | 4.1 | 24 |
| 72 | Stackelberg game for spectrum reuse in the two-tier LTE femtocell network **2013**, | | 1 |
| 71 | Alternative Awaiting and Broadcast for Two-Way Relay Fading Channels. *IEEE Transactions on Vehicular Technology*, **2013**, 62, 2841-2846 | 6.8 | 2 |
| 70 | Secure beamforming for MIMO two-way transmission with an untrusted relay **2013**, | | 11 |
| 69 | Hypergraph-based frequency reuse in dense femtocell networks **2013**, | | 11 |
| 68 | MIMO Two-Way Compress-and-Forward Relaying with Approximate Joint Eigen-Decomposition. *IEEE Communications Letters*, **2013**, 17, 1750-1753 | 3.8 | 8 |
| 67 | Coordinated Multicast Beamforming in Multicell Networks. *IEEE Transactions on Wireless Communications*, **2013**, 12, 12-21 | 9.6 | 104 |
| 66 | An Auction Approach to Distributed Power Allocation for Multiuser Cooperative Networks. *IEEE Transactions on Wireless Communications*, **2013**, 12, 237-247 | 9.6 | 27 |

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| 65 | A Network Flow Approach to Throughput Maximization in Cooperative OFDMA Networks. *IEEE Transactions on Wireless Communications*, **2013**, 12, 1138-1148 | 9.6 | 19 |
| 64 | Degrees of Freedom for MIMO Two-Way X Relay Channel. *IEEE Transactions on Signal Processing*, **2013**, 61, 1711-1720 | 4.8 | 21 |
| 63 | Design an asynchronous radio interferometric positioning system using dual-tone signaling **2013**, | | 5 |
| 62 | QoS-Aware Transmission Policies for OFDM Bidirectional Decode-and-Forward Relaying. *IEEE Transactions on Wireless Communications*, **2013**, 12, 2206-2216 | 9.6 | 19 |
| 61 | Adaptive scheduling for OFDM bidirectional transmission with a buffered relay **2013**, | | 2 |
| 60 | Distributed cross-layer resource allocation for statistical QoS provisioning in femtocell networks **2013**, | | 7 |
| 59 | Cross-Layer Optimization of Two-Way Relaying for Statistical QoS Guarantees. *IEEE Journal on Selected Areas in Communications*, **2013**, 31, 1583-1596 | 14.2 | 17 |
| 58 | Resource Allocation with Subcarrier Pairing in OFDMA Two-Way Relay Networks. *IEEE Wireless Communications Letters*, **2012**, 1, 61-64 | 5.9 | 60 |
| 57 | On the Maximum Achievable Sum-Rate of Interfering Two-Way Relay Channels. *IEEE Communications Letters*, **2012**, 16, 72-75 | 3.8 | 12 |
| 56 | Optimal Channel and Relay Assignment in OFDM-Based Multi-Relay Multi-Pair Two-Way Communication Networks. *IEEE Transactions on Communications*, **2012**, 60, 317-321 | 6.9 | 55 |
| 55 | Joint Source and Relay Optimization for Non-Regenerative MIMO Two-Way Relay Systems with Imperfect CSI. *IEEE Transactions on Wireless Communications*, **2012**, 11, 3305-3315 | 9.6 | 23 |
| 54 | Relay Placement for Physical Layer Security: A Secure Connection Perspective. *IEEE Communications Letters*, **2012**, 16, 878-881 | 3.8 | 108 |
| 53 | Robust Relay Beamforming for Two-Way Relay Networks. *IEEE Communications Letters*, **2012**, 16, 1052-1055 | 3.8 | 27 |
| 52 | Sparse channel estimation for OFDM transmission over two-way works **2012**, | | 1 |
| 51 | . *IEEE Transactions on Wireless Communications*, **2012**, 11, 4457-4469 | 9.6 | 40 |
| 50 | . *IEEE Transactions on Vehicular Technology*, **2012**, 61, 3984-3995 | 6.8 | 19 |
| 49 | On Degrees of Freedom of Cognitive Networks with User Cooperation. *IEEE Wireless Communications Letters*, **2012**, 1, 617-620 | 5.9 | 5 |
| 48 | Cooperative jamming for secrecy in decentralized wireless networks **2012**, | | 30 |

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| 47 | Pairwise Check Decoding for LDPC Coded Two-Way Relay Block Fading Channels. *IEEE Transactions on Communications*, **2012**, 60, 2065-2076 | 6.9 | 12 |
| 46 | Outage performance analysis of two-way relay system with multi-antenna relay node **2012**, | | 9 |
| 45 | Linear Precoding for Multi-Pair Two-Way MIMO Relay Systems With Max-Min Fairness. *IEEE Transactions on Signal Processing*, **2012**, 60, 5361-5370 | 4.8 | 64 |
| 44 | Joint Source and Relay Precoding Designs for MIMO Two-Way Relaying Based on MSE Criterion. *IEEE Transactions on Signal Processing*, **2012**, 60, 1352-1365 | 4.8 | 116 |
| 43 | Resource Allocation in Open Access OFDMA Femtocell Networks. *IEEE Wireless Communications Letters*, **2012**, 1, 625-628 | 5.9 | 61 |
| 42 | QoS-aware policies for OFDM bidirectional transmission with decode-and-forward relaying **2012**, | | 4 |
| 41 | Robust Beamforming for Wireless Information and Power Transmission. *IEEE Wireless Communications Letters*, **2012**, 1, 372-375 | 5.9 | 281 |
| 40 | An optimal graph approach for optimizing OFDMA relay networks **2012**, | | 2 |
| 39 | Degrees of freedom of MIMO two-way X relay channel **2012**, | | 1 |
| 38 | Cross-layer resource allocation of two-way relaying for statistical delay-QoS guarantees **2012**, | | 3 |
| 37 | Power and Subcarrier Allocation for Physical-Layer Security in OFDMA-Based Broadband Wireless Networks. *IEEE Transactions on Information Forensics and Security*, **2011**, 6, 693-702 | 8 | 72 |
| 36 | Linear Precoding Designs for Amplify-and-Forward Multiuser Two-Way Relay Systems **2011**, | | 2 |
| 35 | V-OFDM: On Performance Limits over Multi-Path Rayleigh Fading Channels. *IEEE Transactions on Communications*, **2011**, 59, 1878-1892 | 6.9 | 21 |
| 34 | Power and Subcarrier Allocation for Physical-Layer Security in OFDMA Networks **2011**, | | 2 |
| 33 | Joint Source and Relay Precoding Designs for MIMO Two-Way Relay Systems **2011**, | | 17 |
| 32 | Pseudo Exclusive-OR for LDPC Coded Two-Way Relay Block Fading Channels **2011**, | | 4 |
| 31 | Finite-SNR Diversity-Multiplexing Tradeoff for Two-Way Multi-Antenna Relay Fading Channels **2010**, | | 2 |
| 30 | Optimization Framework and Graph-Based Approach for Relay-Assisted Bidirectional OFDMA Cellular Networks. *IEEE Transactions on Wireless Communications*, **2010**, 9, 3490-3500 | 9.6 | 49 |

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| 11 | . *IEEE Transactions on Wireless Communications*, **2008**, 7, 2190-2201 | 9.6 | 176 |
| 10 | An Estimation Algorithm of Channel State Transition Probabilities for Cognitive Radio Systems **2008**, | | 15 |
| 9 | Utility-Based Wireless Resource Allocation for Variable Rate Transmission. *IEEE Transactions on Wireless Communications*, **2008**, 7, 3292-3296 | 9.6 | 3 |
| 8 | Extended Space-Time Block Coding with Transmit Antenna Selection over Correlated Fading Channels. *IEEE Transactions on Wireless Communications*, **2007**, 6, 3137-3141 | 9.6 | 10 |
| 7 | Analysis of Differential Orthogonal Space㏑ime Block Codes Over Semi-Identical MIMO Fading Channels. *IEEE Transactions on Communications*, **2007**, 55, 282-291 | 6.9 | 5 |
| 6 | Iteratively Decoded Variable Length Space-Time Coded Modulation: Code Construction and Convergence Analysis. *IEEE Transactions on Wireless Communications*, **2007**, 6, 1953-1963 | 9.6 | 18 |
| 5 | High rate trellis coded differential unitary space-time modulation via super unitarity. *IEEE Transactions on Wireless Communications*, **2006**, 5, 3350-3354 | 9.6 | 4 |
| 4 | Generalized layered space-time codes for high data rate wireless communications. *IEEE Transactions on Wireless Communications*, **2004**, 3, 1067-1075 | 9.6 | 20 |
| 3 | Diagonal block space-time code design for diversity and coding advantage over flat fading channels. *IEEE Transactions on Signal Processing*, **2004**, 52, 1012-1020 | 4.8 | 8 |
| 2 | Trellis-coded differential unitary space-time modulation over flat fading channels. *IEEE Transactions on Communications*, **2003**, 51, 587-596 | 6.9 | 18 |
| 1 | Improved design criteria and new trellis codes for space-time coded modulation in slow flat fading channels. *IEEE Communications Letters*, **2001**, 5, 313-315 | 3.8 | 39 |