# Chintha Tellambura

List of Publications by Year
in descending order

| 308 papers | 7,055 citations | 71097 <br> 41 h-index | 88628 <br> 70 g-index |
|---|---|---|---|
| 309 all docs | 309 docs citations | 309 times ranked | 4517 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Energy Detection Based Cooperative Spectrum Sensing in Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2011, 10, 1232-1241. | 9.2 | 420 |
| 2 | Ambient Backscatter Communication Systems: Detection and Performance Analysis. IEEE Transactions on Communications, 2016, 64, 4836-4846. | 7.8 | 315 |
| 3 | A Mixture Gamma Distribution to Model the SNR of Wireless Channels. IEEE Transactions on Wireless Communications, 2011, 10, 4193-4203. | 9.2 | 198 |
| 4 | Performance of an Energy Detector over Channels with Both Multipath Fading and Shadowing. IEEE Transactions on Wireless Communications, 2010, 9, 3662-3670. | 9.2 | 143 |
| 5 | Energy Detection for Spectrum Sensing in Cognitive Radio. SpringerBriefs in Computer Science, 2014, , . | 0.2 | 140 |
| 6 | Analysis of area under the ROC curve of energy detection. IEEE Transactions on Wireless Communications, 2010, 9, 1216-1225. | 9.2 | 136 |
| 7 | Resource Allocation for OFDMA-Based Cognitive Radio Multicast Networks With Primary User Activity Consideration. IEEE Transactions on Vehicular Technology, 2010, 59, 1668-1679. | 6.3 | 131 |
| 8 | Aggregate Interference Analysis for Underlay Cognitive Radio Networks. IEEE Wireless Communications Letters, 2012, 1, 641-644. | 5.0 | 126 |
| 9 | Performance Analysis of Partial Relay Selection With Feedback Delay. IEEE Signal Processing Letters, 2010, 17, 531-534. | 3.6 | 114 |
| 10 | A PAPR Reduction Method Based on Artificial Bee Colony Algorithm for OFDM Signals. IEEE Transactions on Wireless Communications, 2010, 9, 2994-2999. | 9.2 | 106 |
| 11 | Cooperative OFDM Channel Estimation in the Presence of Frequency Offsets. IEEE Transactions on Vehicular Technology, 2009, 58, 3447-3459. | 6.3 | 104 |
| 12 | Acquisition of channel state information in heterogeneous cloud radio access networks: challenges and research directions. IEEE Wireless Communications, 2015, 22, 100-107. | 9.0 | 98 |
| 13 | Partial and Opportunistic Relay Selection with Outdated Channel Estimates. IEEE Transactions on Communications, 2012, 60, 840-850. | 7.8 | 95 |
| 14 | Relay Selection Schemes and Performance Analysis Approximations for Two-Way Networks. IEEE Transactions on Communications, 2013, 61, 987-998. | 7.8 | 94 |
| 15 | Analysis of Clipping Noise and Tone-Reservation Algorithms for Peak Reduction in OFDM Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 1675-1694. | 6.3 | 92 |
| 16 | Data-Driven-Based Analog Beam Selection for Hybrid Beamforming Under mm-Wave Channels. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 340-352. | 10.8 | 87 |
| 17 | On the Performance of Cognitive Underlay Multihop Networks with Imperfect Channel State Information. IEEE Transactions on Communications, 2013, 61, 4864-4873. | 7.8 | 85 |
| 18 | Is Backscatter Link Stronger than Direct Link in Reconfigurable Intelligent Surface-Assisted System?. IEEE Communications Letters, 2020, 24, 1342-1346. | 4.1 | 84 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 19 | Blind Channel Estimation for Ambient Backscatter Communication Systems. IEEE Communications Letters, 2018, 22, 1296-1299. | 4.1 | 83 |
| 20 | Channel Estimation and Training Design for Two-Way Relay Networks in Time-Selective Fading Environments. IEEE Transactions on Wireless Communications, 2011, 10, 2681-2691. | 9.2 | 82 |
| 21 | Two-Way Amplify-and-Forward Multiple-Input Multiple-Output Relay Networks with Antenna Selection. IEEE Journal on Selected Areas in Communications, 2012, 30, 1513-1529. | 14.0 | 82 |
| 22 | Outage Probability of Decode-and-Forward Cognitive Relay in Presence of Primary User's Interference. IEEE Communications Letters, 2012, 16, 1252-1255. | 4.1 | 82 |
| 23 | Four-Group Decodable Space–Time Block Codes. IEEE Transactions on Signal Processing, 2008, 56, 424-430. | 5.3 | 78 |
| 24 | Genetic Algorithm Based Nearly Optimal Peak Reduction Tone Set Selection for Adaptive Amplitude Clipping PAPR Reduction. IEEE Transactions on Broadcasting, 2012, 58, 462-471. | 3.2 | 77 |
| 25 | Differential modulation for two-way wireless communications: a perspective of differential network coding at the physical layer. IEEE Transactions on Communications, 2009, 57, 2977-2987. | 7.8 | 74 |
| 26 | Full-Duplex Radio for Uplink/Downlink Wireless Access With Spatially Random Nodes. IEEE Transactions on Communications, 2015, 63, 5250-5266. | 7.8 | 71 |
| 27 | Spectrum Sensing via Energy Detector in Low SNR. , 2011, , . | | 70 |
| 28 | Cooperative Beamforming and User Selection for Improving the Security of Relay-Aided Systems. IEEE Transactions on Communications, 2015, 63, 5039-5051. | 7.8 | 70 |
| 29 | Relay Based Cooperative Spectrum Sensing in Cognitive Radio Networks. , 2009, , . | | 68 |
| 30 | Wireless-Powered Full-Duplex Relay and Friendly Jamming for Secure Cooperative Communications. IEEE Transactions on Information Forensics and Security, 2019, 14, 621-634. | 6.9 | 68 |
| 31 | Output-Threshold Multiple-Relay-Selection Scheme for Cooperative Wireless Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 3091-3097. | 6.3 | 66 |
| 32 | Performance of Optimum Switching Adaptive $M$-QAM for Amplify-and-Forward Relays. IEEE Transactions on Vehicular Technology, 2009, 58, 2258-2268. | 6.3 | 59 |
| 33 | Joint CFO and Channel Estimation for OFDM-Based Two-Way Relay Networks. IEEE Transactions on Wireless Communications, 2011, 10, 456-465. | 9.2 | 58 |
| 34 | Relay Selection and Performance Analysis in Multiple-User Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 1517-1529. | 14.0 | 58 |
| 35 | Joint Bandwidth and Power Allocation With Admission Control in Wireless Multi-User Networks With and Without Relaying. IEEE Transactions on Signal Processing, 2011, 59, 1801-1813. | 5.3 | 57 |
| 36 | Unified Analysis of Low-SNR Energy Detection and Threshold Selection. IEEE Transactions on Vehicular Technology, 2015, 64, 5006-5019. | 6.3 | 54 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 37 | Efficient Resource Allocation for OFDMA Multicast Systems With Spectrum-Sharing Control. IEEE Transactions on Vehicular Technology, 2009, 58, 4878-4889. | 6.3 | 52 |
| 38 | Performance Analysis Framework for Transmit Antenna Selection Strategies of Cooperative MIMO AF Relay Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 3030-3044. | 6.3 | 49 |
| 39 | Large-Scale Wireless-Powered Networks With Backscatter Communications—A Comprehensive Survey. IEEE Open Journal of the Communications Society, 2020, 1, 1100-1130. | 6.9 | 48 |
| 40 | Joint Frequency Offset and Channel Estimation for OFDM Systems Using Pilot Symbols and Virtual Carriers. IEEE Transactions on Wireless Communications, 2007, 6, 1193-1202. | 9.2 | 47 |
| 41 | RF Impairments in Wireless Transceivers: Phase Noise, CFO, and IQ Imbalance – A Survey. IEEE Access, 2021, 9, 111718-111791. | 4.2 | 46 |
| 42 | Performance Analysis of Energy Detection with Multiple Correlated Antenna Cognitive Radio in Nakagami-m Fading. IEEE Communications Letters, 2012, 16, 502-505. | 4.1 | 45 |
| 43 | Representation of Composite Fading and Shadowing Distributions by Using Mixtures of Gamma Distributions. , 2010, , . | | 42 |
| 44 | Outage Analysis of Ambient Backscatter Communication Systems. IEEE Communications Letters, 2018, 22, 1736-1739. | 4.1 | 42 |
| 45 | Coverage Analysis of Millimeter Wave Decode-and-Forward Networks With Best Relay Selection. IEEE Access, 2018, 6, 22670-22683. | 4.2 | 42 |
| 46 | On the Application of Character Expansions for MIMO Capacity Analysis. IEEE Transactions on Information Theory, 2012, 58, 2950-2962. | 2.4 | 40 |
| 47 | Beamforming for Space Division Duplexing. , 2011, , . | | 37 |
| 48 | Asymptotically-Exact Performance Bounds of AF Multi-Hop Relaying over Nakagami Fading. IEEE Transactions on Communications, 2011, 59, 962-967. | 7.8 | 37 |
| 49 | Analysis of Aggregate Interference and Primary System Performance in Finite Area Cognitive Radio Networks. IEEE Transactions on Communications, 2012, 60, 1811-1822. | 7.8 | 37 |
| 50 | Interference and Outage Analysis of Random D2D Networks Underlaying Millimeter-Wave Cellular Networks. IEEE Transactions on Communications, 2019, 67, 778-790. | 7.8 | 37 |
| 51 | Performance Analysis of Zero-Forcing for Two-Way MIMO AF Relay Networks. IEEE Wireless Communications Letters, 2012, 1, 53-56. | 5.0 | 36 |
| 52 | Multi-Way MIMO Amplify-and-Forward Relay Networks with Zero-Forcing Transmission. IEEE Transactions on Communications, 2013, 61, 4847-4863. | 7.8 | 36 |
| 53 | Time-switching energy harvesting in relay networks. , 2015, , . | | 36 |
| 54 | Semiblind Channel Estimation and Data Detection for OFDM Systems With Optimal Pilot Design. IEEE Transactions on Communications, 2007, 55, 1053-1062. | 7.8 | 35 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 55 | Uplink Detection and BER Analysis for Ambient Backscatter Communication Systems. , 2015, , . | | 35 |
| 56 | Multichannel Analysis of Cell Range Expansion and Resource Partitioning in Two-Tier Heterogeneous Cellular Networks. IEEE Transactions on Wireless Communications, 2016, 15, 2394-2406. | 9.2 | 35 |
| 57 | Fast Successive-Cancellation-Based Decoders of Polar Codes. IEEE Transactions on Communications, 2019, 67, 4562-4574. | 7.8 | 35 |
| 58 | Gamma Codes: A low-overhead linear-complexity network coding solution. , 2012, , . | | 34 |
| 59 | Underlaid Spectrum Sharing for Cell-Free Massive MIMO-NOMA. IEEE Communications Letters, 2020, 24, 907-911. | 4.1 | 34 |
| 60 | Rate Analysis of Cell-Free Massive MIMO-NOMA With Three Linear Precoders. IEEE Transactions on Communications, 2020, 68, 3480-3494. | 7.8 | 33 |
| 61 | Joint Relay and Antenna Selection for Dual-Hop Amplify-and-Forward MIMO Relay Networks. IEEE Transactions on Wireless Communications, 2012, 11, 493-499. | 9.2 | 32 |
| 62 | Underlay Interference Analysis of Power Control and Receiver Association Schemes. IEEE Transactions on Vehicular Technology, 2016, 65, 8978-8991. | 6.3 | 32 |
| 63 | Uplink/Downlink Rate Analysis and Impact of Power Allocation for Full-Duplex Cloud-RANs. IEEE Transactions on Wireless Communications, 2018, 17, 5774-5788. | 9.2 | 32 |
| 64 | MGF Based Analysis of Area under the ROC Curve in Energy Detection. IEEE Communications Letters, 2011, 15, 1301-1303. | 4.1 | 31 |
| 65 | Multi-User Relay Selection for Full-Duplex Radio. IEEE Transactions on Communications, 2019, 67, 955-972. | 7.8 | 31 |
| 66 | Performance Analysis of Hop-by-Hop Beamforming for Dual-Hop MIMO AF Relay Networks. IEEE Transactions on Communications, 2012, 60, 1823-1837. | 7.8 | 30 |
| 67 | Improved K-Best Sphere Detection for Uncoded and Coded MIMO Systems. IEEE Wireless Communications Letters, 2012, 1, 472-475. | 5.0 | 30 |
| 68 | Probability-Distribution-Based Node Pruning for Sphere Decoding. IEEE Transactions on Vehicular Technology, 2013, 62, 1586-1596. | 6.3 | 30 |
| 69 | Performance Characterization of Spatially Random Energy Harvesting Underlay D2D Networks With Transmit Power Control. IEEE Transactions on Green Communications and Networking, 2018, 2, 87-99. | 5.5 | 29 |
| 70 | Blind Channel Estimation for Cyclic-Prefixed Single-Carrier Systems by Exploiting Real Symbol Characteristics. IEEE Transactions on Vehicular Technology, 2007, 56, 2487-2498. | 6.3 | 28 |
| 71 | Robust Active and Passive Beamformer Design for IRS-Aided Downlink MISO PS-SWIPT With a Nonlinear Energy Harvesting Model. IEEE Transactions on Green Communications and Networking, 2021, 5, 2027-2041. | 5.5 | 27 |
| 72 | Efficient Blind Receiver Design for Orthogonal Space-Time Block Codes. IEEE Transactions on Wireless Communications, 2007, 6, 1890-1899. | 9.2 | 25 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 73 | Robust OFDMA Uplink Synchronization by Exploiting the Variance of Carrier Frequency Offsets. IEEE Transactions on Vehicular Technology, 2008, 57, 3028-3039. | 6.3 | 25 |
| 74 | Precoder Design for Space-Time Coded Systems Over Correlated Rayleigh Fading Channels Using Convex Optimization. IEEE Transactions on Signal Processing, 2009, 57, 814-819. | 5.3 | 25 |
| 75 | Performance of Energy Detection: A Complementary AUC Approach. , 2010, , . | | 24 |
| 76 | Signal Detection and Optimal Antenna Selection for Ambient Backscatter Communications With Multi-Antenna Tags. IEEE Transactions on Communications, 2020, 68, 466-479. | 7.8 | 24 |
| 77 | Capacity Analysis for Transmit Antenna Selection Using Orthogonal Space-Time Block Codes. IEEE Communications Letters, 2007, 11, 423-425. | 4.1 | 23 |
| 78 | MIMO-OFDM Channel Estimation in the Presence of Frequency Offsets. IEEE Transactions on Wireless Communications, 2008, 7, 2329-2339. | 9.2 | 23 |
| 79 | Cross-Entropy-Based Sign-Selection Algorithms for Peak-to-Average Power Ratio Reduction of OFDM Systems. IEEE Transactions on Signal Processing, 2008, 56, 4990-4994. | 5.3 | 23 |
| 80 | Resource Allocation for OFDM-Based Cognitive Radio Multicast Networks. , 2009, , . | | 23 |
| 81 | Sum Rate Analysis of Two-Way MIMO AF Relay Networks with Zero-Forcing. IEEE Transactions on Wireless Communications, 2013, 12, 4456-4469. | 9.2 | 23 |
| 82 | Transceiver Design and Signal Detection in Backscatter Communication Systems With Multiple-Antenna Tags. IEEE Transactions on Wireless Communications, 2020, 19, 3273-3288. | 9.2 | 23 |
| 83 | Performance analysis of digital modulations on Weibull fading channels. , 2003, , . | | 22 |
| 84 | An Adaptive-Scaling Algorithm for OFDM PAR Reduction Using Active Constellation Extension. , 2006, , . | | 22 |
| 85 | Performance Analysis of TDMA Relay Protocols Over Nakagami-$m$ Fading. IEEE Transactions on Vehicular Technology, 2010, 59, 93-104. | 6.3 | 22 |
| 86 | Proactive Eavesdropping via Jamming in Full-Duplex Multi-Antenna Systems: Beamforming Design and Antenna Selection. IEEE Transactions on Communications, 2020, 68, 7563-7577. | 7.8 | 22 |
| 87 | The effect of imperfect carrier frequency offset estimation on an OFDMA uplink. IEEE Transactions on Communications, 2009, 57, 1025-1030. | 7.8 | 21 |
| 88 | Efficient resource allocation for OFDMA multicast systems with fairness consideration. , 2009, , . | | 21 |
| 89 | Performance Analysis of Pairwise Amplify-and-Forward Multi-Way Relay Networks. IEEE Wireless Communications Letters, 2012, 1, 524-527. | 5.0 | 21 |
| 90 | Relay Selection Strategies for MIMO Two-Way Relay Networks With Spatial Multiplexing. IEEE Transactions on Communications, 2015, 63, 4694-4710. | 7.8 | 21 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 91 | Receive Antenna Selection Based on Union-Bound Minimization Using Convex Optimization. IEEE Signal Processing Letters, 2007, 14, 609-612. | 3.6 | 20 |
| 92 | OFDMA uplink frequency offset estimation via cooperative relaying. IEEE Transactions on Wireless Communications, 2009, 8, 4450-4456. | 9.2 | 20 |
| 93 | Two-Way Relay Selection for Millimeter Wave Networks. IEEE Communications Letters, 2018, 22, 201-204. | 4.1 | 20 |
| 94 | Performance Analysis of Massive MIMO Two-Way Relay Networks With Pilot Contamination, Imperfect CSI, and Antenna Correlation. IEEE Transactions on Vehicular Technology, 2018, 67, 4831-4842. | 6.3 | 20 |
| 95 | Analysis of Self-Interference Cancellation Under Phase Noise, CFO, and IQ Imbalance in GFDM Full-Duplex Transceivers. IEEE Transactions on Vehicular Technology, 2020, 69, 700-713. | 6.3 | 20 |
| 96 | Performance Analysis and Resource Allocations for a WPCN With a New Nonlinear Energy Harvester Model. IEEE Open Journal of the Communications Society, 2020, 1, 1403-1424. | 6.9 | 20 |
| 97 | Energy detection of primary signals over &#x03B7; - &#x03BC; fading channels. , 2009, , . | | 19 |
| 98 | PAPR reduction method based on parametric minimum cross entropy for OFDM signals. IEEE Communications Letters, 2010, 14, 563-565. | 4.1 | 19 |
| 99 | Tone injection for PAPR reduction using parallel tabu search algorithm in OFDM systems. , 2012, , . | | 19 |
| 100 | Relay Selection for Cognitive Massive MIMO Two-Way Relay Networks. , 2017, , . | | 19 |
| 101 | New joint frame synchronisation and carrier frequency offset estimation method for OFDM systems. European Transactions on Telecommunications, 2009, 20, 413-430. | 1.2 | 18 |
| 102 | Performance of $p$-Norm Detector in AWGN, Fading, and Diversity Reception. IEEE Transactions on Vehicular Technology, 2014, 63, 3209-3222. | 6.3 | 18 |
| 103 | Statistical Covariance Based Signal Detection for Ambient Backscatter Communication Systems. , 2016, , . | | 18 |
| 104 | Low-Complexity Optimal Detection for Hybrid Space-Time Block Coding and Spatial Multiplexing. , 2006, , . | | 17 |
| 105 | Joint medium access control, routing and energy distribution in multi-hop wireless networks. IEEE Transactions on Wireless Communications, 2008, 7, 5244-5249. | 9.2 | 17 |
| 106 | A Complexity-Efficient Sphere Decoder for MIMO Systems. , 2011, , . | | 17 |
| 107 | Uniform Approximations for Wireless Performance in Fading Channels. IEEE Transactions on Communications, 2013, 61, 4768-4779. | 7.8 | 17 |
| 108 | Optimal transmission policy in energy harvesting wireless communications: A learning approach. , 2017, , . | | 16 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------| 
| 109 | Coverage, Capacity, and Error Rate Analysis of Multi-Hop Millimeter-Wave Decode and Forward Relaying. IEEE Access, 2019, 7, 69638-69656. | 4.2 | 16 |
| 110 | OFDM channel estimation and data detection with superimposed pilots. European Transactions on Telecommunications, 2011, 22, 125-136. | 1.2 | 15 |
| 111 | Full-Duplex radio for uplink/downlink transmission with spatial randomness. , 2015, , . | | 15 |
| 112 | Exact Outage Analysis of Multiple-User Downlink With MIMO Matched-Filter Precoding. IEEE Communications Letters, 2017, 21, 2754-2757. | 4.1 | 15 |
| 113 | Successive Two-Way Relaying for Full-Duplex Users With Generalized Self-Interference Mitigation. IEEE Transactions on Wireless Communications, 2019, 18, 63-76. | 9.2 | 15 |
| 114 | Generalized Singular Value Decomposition for Coordinated Beamforming in MIMO Systems. , 2010, , . | | 14 |
| 115 | Adaptive Multiple Relay Selection Scheme for Cooperative Wireless Networks. , 2010, , . | | 14 |
| 116 | Cognitive transmission and performance analysis for Amplify-and-Forward two-way relay networks. , 2014, , . | | 14 |
| 117 | Joint Channel and Phase Noise Estimation and Data Detection for GFDM. IEEE Open Journal of the Communications Society, 2021, 2, 915-933. | 6.9 | 14 |
| 118 | Deep Learning-Based Phase Noise Compensation in Multicarrier Systems. IEEE Wireless Communications Letters, 2021, 10, 2110-2114. | 5.0 | 14 |
| 119 | Rate Splitting Multiple Access for Multigroup Multicast Beamforming in Cache-Enabled C-RAN. IEEE Transactions on Vehicular Technology, 2021, 70, 12758-12770. | 6.3 | 14 |
| 120 | SPC08-1: An Adaptive-Scaling Tone Reservation Algorithm for PAR Reduction in OFDM Systems. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , . | 0.0 | 13 |
| 121 | Clipping-Noise Guided Sign-Selection for PAR Reduction in OFDM Systems. IEEE Transactions on Signal Processing, 2008, 56, 5644-5653. | 5.3 | 13 |
| 122 | Physical Layer Differential Network Coding for Two-Way Relay Channels. , 2008, , . | | 13 |
| 123 | Decoding, Performance Analysis, and Optimal Signal Designs for Coordinate Interleaved Orthogonal Designs. IEEE Transactions on Wireless Communications, 2008, 7, 48-53. | 9.2 | 13 |
| 124 | Joint Frequency Offset and Channel Estimation Methods for Two-Way Relay Networks. , 2009, , . | | 13 |
| 125 | Doubly selective channel estimation for amplify-and-forward relay networks. , 2012, , . | | 13 |
| 126 | GSVD Beamforming for Two-User MIMO Downlink Channel. IEEE Transactions on Vehicular Technology, 2013, 62, 2596-2606. | 6.3 | 13 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 127 | Full-duplex cloud-RAN with uplink/downlink remote radio head association. , 2016, , . | | 13 |
| 128 | Ergodic sum rate analysis and efficient power allocation for a massive MIMO two‑way relay network. IET Communications, 2017, 11, 211-217. | 2.2 | 13 |
| 129 | Generalized Relay Selection for Network-Coded Cooperation Systems. IEEE Communications Letters, 2017, 21, 2742-2745. | 4.1 | 13 |
| 130 | Network-Coded Cooperation With Outdated CSI. IEEE Communications Letters, 2018, 22, 1720-1723. | 4.1 | 13 |
| 131 | Blind Receiver Design for OFDM Systems Over Doubly Selective Channels. IEEE Transactions on Communications, 2007, 55, 906-917. | 7.8 | 12 |
| 132 | Performance Bounds for AF Multi-Hop Relaying over Nakagami Fading. , 2010, , . | | 12 |
| 133 | Feedback Delay Effect on Dual-Hop MIMO AF Relaying with Antenna Selection. , 2010, , . | | 12 |
| 134 | Amplify-and-forward partial relay selection with feedback delay. , 2011, , . | | 12 |
| 135 | Beamforming for physical layer multicasting. , 2011, , . | | 12 |
| 136 | On Raptor Code Design for Inactivation Decoding. IEEE Transactions on Communications, 2012, 60, 2377-2381. | 7.8 | 12 |
| 137 | On Approximating the Cognitive Radio Aggregate Interference} IEEEaftertitletextvspace{-1aselineskip. IEEE Wireless Communications Letters, 2013, 2, 58-61. | 5.0 | 12 |
| 138 | Performance Analysis of SDMA with Inter-tier Interference Nulling in HetNets. IEEE Transactions on Wireless Communications, 2017, 16, 2153-2167. | 9.2 | 12 |
| 139 | Spectrum Sharing With Device-to-Device Successive Relaying and Hybrid Complex Field Network Coding. IEEE Transactions on Vehicular Technology, 2017, 66, 7947-7963. | 6.3 | 12 |
| 140 | Cooperative Spectrum Sensing as Image Segmentation: A New Data Fusion Scheme. IEEE Communications Magazine, 2018, 56, 142-148. | 6.1 | 12 |
| 141 | Energy-Efficient Resource Allocation in Single-RF Load-Modulated Massive MIMO HetNets. IEEE Open Journal of the Communications Society, 2020, 1, 1738-1764. | 6.9 | 12 |
| 142 | NOMA-Aided Multi-Way Massive MIMO Relaying. IEEE Transactions on Communications, 2020, 68, 4050-4062. | 7.8 | 12 |
| 143 | Modified Sphere Decoding for Sparse Code Multiple Access. IEEE Communications Letters, 2018, 22, 1544-1547. | 4.1 | 12 |
| 144 | Multiuser MISO PS-SWIPT Systems: Active or Passive RIS?. IEEE Wireless Communications Letters, 2022, 11, 1920-1924. | 5.0 | 12 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 145 | A Statistical Pruning Strategy for Schnorr-Euchner Sphere Decoding. IEEE Communications Letters, 2008, 12, 121-123. | 4.1 | 11 |
| 146 | Improved OFDMA uplink transmission <i>via</i> cooperative relaying in the presence of frequency offsetsâ€"Part I: Ergodic information rate analysis. European Transactions on Telecommunications, 2010, 21, 224-240. | 1.2 | 11 |
| 147 | Impact of Beacon Misdetection on Aggregate Interference for Hybrid Underlay-Interweave Networks. IEEE Communications Letters, 2013, 17, 2052-2055. | 4.1 | 11 |
| 148 | Optimal Power Allocation of GFDM Secondary Links With Power Amplifier Nonlinearity and ACI. IEEE Wireless Communications Letters, 2019, 8, 93-96. | 5.0 | 11 |
| 149 | Optimal Selective Transmission Policy for Energy-Harvesting Wireless Sensors via Monotone Neural Networks. IEEE Internet of Things Journal, 2019, 6, 9963-9978. | 8.7 | 11 |
| 150 | Deep Learning LMMSE Joint Channel, PN, and IQ Imbalance Estimator for Multicarrier MIMO Full-Duplex Systems. IEEE Wireless Communications Letters, 2022, 11, 111-115. | 5.0 | 11 |
| 151 | Linear Programming Detection and Decoding for MIMO Systems. , 2006, , . | | 10 |
| 152 | On the design, selection algorithm and performance analysis of limited feedback transmit beamforming. IEEE Transactions on Wireless Communications, 2008, 7, 4948-4957. | 9.2 | 10 |
| 153 | Transmit Antenna Selection Strategies for Cooperative MIMO AF Relay Networks. , 2010, , . | | 10 |
| 154 | Resource Allocation for Two-Way AF Relaying with Receive Channel Knowledge. IEEE Transactions on Wireless Communications, 2012, 11, 2002-2007. | 9.2 | 10 |
| 155 | Outage probability of underlay cognitive relay networks with spatially random nodes. , 2014, , . | | 10 |
| 156 | Greedy caching: A latency-aware caching strategy for information-centric networks. , 2017, , . | | 10 |
| 157 | Opportunistic Group Antenna Selection in Spatial Modulation Systems. IEEE Transactions on Communications, 2018, 66, 5317-5331. | 7.8 | 10 |
| 158 | Capacity Analysis for Wireless Symbiotic Communication Systems With BPSK Tags Under Sensitivity Constraint. IEEE Communications Letters, 2022, 26, 44-48. | 4.1 | 10 |
| 159 | Quasi-orthogonal STBC with minimum decoding complexity: performance analysis, optimal signal transformations, and antenna selection diversity. IEEE Transactions on Communications, 2008, 56, 849-853. | 7.8 | 9 |
| 160 | Moment-Based Parameter Estimation and Blind Spectrum Sensing for Quadrature Amplitude Modulation. IEEE Transactions on Communications, 2011, 59, 613-623. | 7.8 | 9 |
| 161 | Clipping noise-based tone injection for PAPR reduction in OFDM systems. , 2013, , . | | 9 |
| 162 | Joint Distributed Beamforming and Power Allocation in Underlay Cognitive Two-Way Relay Links Using Second-Order Channel Statistics. IEEE Transactions on Signal Processing, 2014, 62, 5950-5961. | 5.3 | 9 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 163 | Outage Analysis of ZFB-MRT/MRC Underlay Two-Way Relay Systems. IEEE Communications Letters, 2015, 19, 1049-1052. | 4.1 | 9 |
| 164 | Approximations for Performance of Energy Detector and &lt;inline-formula&gt; &lt;tex-math notation="LaTeX"&gt;$p$&lt;/tex-math&gt;&lt;/inline-formula&gt;-Norm Detector. IEEE Communications Letters, 2015, 19, 1678-1681. | 4.1 | 9 |
| 165 | Iterative Demodulation and Decoding Algorithm for 3GPP/LTE-A MIMO-OFDM Using Distribution Approximation. IEEE Transactions on Wireless Communications, 2018, 17, 1331-1342. | 9.2 | 9 |
| 166 | Full-Duplex GFDM Radio Transceivers in the Presence of Phase Noise, CFO and IQ Imbalance. , 2019, , . | | 9 |
| 167 | Relay Selection in Network-Coded Cooperative MIMO Systems. IEEE Transactions on Communications, 2019, 67, 5346-5361. | 7.8 | 9 |
| 168 | Interference Suppression and Energy Efficiency Improvement With Massive MIMO and Relay Selection in Cognitive Two-Way Relay Networks. IEEE Transactions on Green Communications and Networking, 2020, 4, 326-339. | 5.5 | 9 |
| 169 | Unitary signal constellations for differential space-time modulation. IEEE Communications Letters, 2007, 11, 25-27. | 4.1 | 8 |
| 170 | On Multiple Symbol Detection for Diagonal DUSTM Over Ricean Channels. IEEE Transactions on Wireless Communications, 2008, 7, 1146-1151. | 9.2 | 8 |
| 171 | Precoding for Orthogonal Space–Time Block-Coded OFDM Downlink: Mean or Covariance Feedback?. IEEE Transactions on Vehicular Technology, 2009, 58, 3263-3270. | 6.3 | 8 |
| 172 | Superimposed Pilots Aided Joint CFO and Channel Estimation for ZP-OFDM Modulated Two-Way Relay Networks. , 2010, , . | | 8 |
| 173 | Superimposed Pilot Based Joint CFO and Channel Estimation for CP-OFDM Modulated Two-Way Relay Networks. , 2010, , . | | 8 |
| 174 | Joint beamforming and antenna selection for two-way amplify-and-forward MIMO relay networks. , 2012, , . | | 8 |
| 175 | Dual Hop MIMO OSTBC for LMS Communication. IEEE Wireless Communications Letters, 2012, 1, 105-108. | 5.0 | 8 |
| 176 | Impact of transmit power control on aggregate interference in underlay cognitive radio networks. , 2014, , . | | 8 |
| 177 | Cognitive Beamforming in Underlay Two-Way Relay Networks With Multiantenna Terminals. IEEE Transactions on Cognitive Communications and Networking, 2015, 1, 294-304. | 7.9 | 8 |
| 178 | Improved Tone Reservation Method Based on Deep Learning for PAPR Reduction in OFDM System. , 2019, , . | | 8 |
| 179 | Sensing, Probing, and Transmitting Policy for Energy Harvesting Cognitive Radio With Two-Stage After-State Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2019, 68, 1616-1630. | 6.3 | 8 |
| 180 | Backscatter Aided Wireless Communications on High-Speed Rails: Capacity Analysis and Transceiver Design. IEEE Journal on Selected Areas in Communications, 2020, 38, 2864-2874. | 14.0 | 8 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 181 | Covariance precoding schemes for MIMO OFDM over transmit‐antenna and path‐correlated channels. European Transactions on Telecommunications, 2010, 21, 611-623. | 1.2 | 7 |
| 182 | Joint CFO and Channel Estimation for ZP-OFDM Modulated Two-Way Relay Networks. , 2010, , . | | 7 |
| 183 | Multiuser Amplify-and-Forward relaying with delayed feedback in Nakagami-m fading. , 2011, , . | | 7 |
| 184 | Asymptotic Performance of Energy Detector in Fading and Diversity Reception. IEEE Transactions on Communications, 2015, 63, 2031-2043. | 7.8 | 7 |
| 185 | Massive MIMO two-way relay networks with channel imperfections. , 2016, , . | | 7 |
| 186 | Security enhancement of wireless networks with wireless-powered full-duplex relay and friendly jammer nodes. , 2017, , . | | 7 |
| 187 | Coverage Analysis of Cooperative NOMA in Millimeter Wave Networks. IEEE Communications Letters, 2019, 23, 2154-2158. | 4.1 | 7 |
| 188 | Cognitive GFDM Full-Duplex Radios With RF Impairments and ACI Constraints. IEEE Open Journal of the Communications Society, 2020, 1, 732-749. | 6.9 | 7 |
| 189 | WLC42-6: Non-Linear Precoding for OFDM Systems in Spatially-Correlated Frequency-Selective Fading MIMO Channels. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , . | 0.0 | 6 |
| 190 | A Technique for Multiuser and Intercarrier Interference Reduction in Multiple-Antenna Multiuser OFDM Downlink. IEEE Transactions on Wireless Communications, 2007, 6, 3493-3497. | 9.2 | 6 |
| 191 | Constrained Detection for Spatial-Multiplexing Multiple-Input–Multiple-Output Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 1537-1547. | 6.3 | 6 |
| 192 | Numerical Computation of the Lognormal Sum Distribution. , 2009, , . | | 6 |
| 193 | Performance Analysis of Channel Inversion over MIMO Channels. , 2009, , . | | 6 |
| 194 | Two-Way Amplify-and-Forward MIMO Relay Networks with Antenna Selection. , 2011, , . | | 6 |
| 195 | Sensing, probing, and transmitting strategy for energy harvesting cognitive radio. , 2017, , . | | 6 |
| 196 | Analysis and rate optimization of GFDM‐based cognitive radios. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3435. | 3.9 | 6 |
| 197 | Secure communication for separated and integrated receiver architectures in SWIPT. , 2018, , . | | 6 |
| 198 | Multiuser Diversity in Network-Coded Cooperation: Outage and Diversity Analysis. IEEE Communications Letters, 2019, 23, 550-553. | 4.1 | 6 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 199 | Network-Coded Cooperative Systems With Generalized User-Relay Selection. IEEE Transactions on Wireless Communications, 2020, 19, 7251-7264. | 9.2 | 6 |
| 200 | Eigenvalue-Based Detection of a Signal in Colored Noise: Finite and Asymptotic Analyses. IEEE Transactions on Information Theory, 2020, 66, 6413-6433. | 2.4 | 6 |
| 201 | New Antenna Selection Schemes for Full-Duplex Cooperative MIMO-NOMA Systems. IEEE Transactions on Communications, 2022, 70, 4343-4358. | 7.8 | 6 |
| 202 | Multiple-Symbol Differential Detection for Single-Antenna and Multiple-Antenna Systems over Ricean-fading Channels. , 2006, , . | | 5 |
| 203 | Minimum Distance-Based Limited-Feedback Precoder for MIMO Spatial Multiplexing Systems. , 2006, , . | | 5 |
| 204 | On the Design of 2x2 Full-Rate Full-Diversity Space-Time Block Codes. , 2007, , . | | 5 |
| 205 | Joint bandwidth and power allocation in cognitive radio networks under fading channels. , 2011, , . | | 5 |
| 206 | Performance Analysis of MIMO Channel Inversion in Rayleigh Fading. IEEE Transactions on Vehicular Technology, 2012, 61, 1188-1196. | 6.3 | 5 |
| 207 | Spatial Multipath Resolution for MIMO Systems. IEEE Wireless Communications Letters, 2012, 1, 10-13. | 5.0 | 5 |
| 208 | A Multiple-Ring Model for Cognitive Radio Aggregate Interference. IEEE Communications Letters, 2014, 18, 596-599. | 4.1 | 5 |
| 209 | Relay selection for MIMO two-way relay networks with spatial multiplexing. , 2015, , . | | 5 |
| 210 | BSMAC: A Hybrid MAC Protocol for IoT Systems. , 2016, , . | | 5 |
| 211 | Decoding Delay and Outage Performance Analysis of Full-Duplex Decode-Forward Relaying: Backward or Sliding Window Decoding. IEEE Transactions on Communications, 2016, 64, 4520-4533. | 7.8 | 5 |
| 212 | A closed-form symbol error rate analysis for successive interference cancellation decoders. , 2017, , . | | 5 |
| 213 | Network Coded Cooperation Based on Relay Selection with Imperfect CSI. , 2017, , . | | 5 |
| 214 | Simple and Accurate Low SNR Ergodic Capacity Approximations. IEEE Communications Letters, 2018, 22, 356-359. | 4.1 | 5 |
| 215 | Closed-Form Word Error Rate Analysis for Successive Interference Cancellation Decoders. IEEE Transactions on Wireless Communications, 2018, 17, 8256-8267. | 9.2 | 5 |
| 216 | Deep Learning Based Modified Message Passing Algorithm for Sparse Code Multiple Access. , 2019, , . | | 5 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 217 | Cooperative Sensing With Heterogeneous Spectrum Availability in Cognitive Radio. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 31-46. | 7.9 | 5 |
| 218 | Joint User Grouping, Sparse Beamforming, and Subcarrier Allocation for D2D Underlaid Cache-Enabled C-RANs With Rate Splitting. IEEE Transactions on Vehicular Technology, 2022, 71, 3792-3806. | 6.3 | 5 |
| 219 | Physical-Layer Security for Cache-Enabled C-RANs via Rate Splitting. IEEE Communications Letters, 2022, 26, 984-988. | 4.1 | 5 |
| 220 | Polynomial Moment Relaxation for MIMO Detection. , 2006, , . | | 4 |
| 221 | Performance of a Cooperative Network Using Rate Adaptation and Cooperative Combining. , 2010, , . | | 4 |
| 222 | Doubly selective channel estimation for amplify-and-forward relay networks. Eurasip Journal on Advances in Signal Processing, 2012, 2012, . | 1.7 | 4 |
| 223 | Rational Gauss-Chebyshev Quadratures for Wireless Performance Analysis. IEEE Wireless Communications Letters, 2013, 2, 215-218. | 5.0 | 4 |
| 224 | Small-Macro Cell Cooperation for HetNet Uplink Transmission: Spectral Efficiency and Reliability Analyses. IEEE Journal on Selected Areas in Communications, 2016, , 1-1. | 14.0 | 4 |
| 225 | Uplink and downlink rate analysis of a full-duplex C-RAN with radio remote head association. , 2016, , . | | 4 |
| 226 | Study of Mobility in Cache-Enabled Wireless Heterogeneous Networks. , 2017, , . | | 4 |
| 227 | GFDM-Modulated Full-Duplex Cognitive Radio Networks in the Presence of RF Impairments. , 2019, , . | | 4 |
| 228 | Performance Analysis of Energy Beamforming WPCN Links With Channel Estimation Errors. IEEE Open Journal of the Communications Society, 2020, 1, 1153-1170. | 6.9 | 4 |
| 229 | On Allocation of Systematic Blocks in Coded Distributed Computing. IEEE Communications Letters, 2022, 26, 748-752. | 4.1 | 4 |
| 230 | Generalized Space Shift Keying for Ambient Backscatter Communication. IEEE Transactions on Communications, 2022, 70, 5018-5029. | 7.8 | 4 |
| 231 | Amount of Fading Analysis for Transmit Antenna Selection in MIMO Systems. , 2007, , . | | 3 |
| 232 | Precoder Design for Space-Time Coded MIMO Systems with Correlated Rayleigh Fading Channels. , 2007, , . | | 3 |
| 233 | Receive antenna selection for unitary space-time modulation over semi-correlated Ricean channels. IEEE Transactions on Communications, 2010, 58, 521-530. | 7.8 | 3 |
| 234 | Semiorthogonal Space–Time Block Codes. IEEE Transactions on Information Theory, 2010, 56, 168-180. | 2.4 | 3 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 235 | Performance Analysis of Hop-by-Hop Beamforming for Dual-Hop MIMO AF Relay Networks. IEEE Transactions on Communications, 2012, 60, 1823-1837. | 7.8 | 3 |
| 236 | SNR–dependent radius control sphere detection for MIMO systems and relay networks. Transactions on Emerging Telecommunications Technologies, 2015, 26, 389-402. | 3.9 | 3 |
| 237 | Coverage and Rate Analysis for Limited Information Cell Association in Stochastic-Layout Cellular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 6962-6971. | 6.3 | 3 |
| 238 | An efficient optimal algorithm for integer-forcing linear MIMO receivers design. , 2017, , . | | 3 |
| 239 | IEEE Access Special Section Editorial: High Mobility 5G LTE-V: Challenges and Solutions. IEEE Access, 2018, 6, 40221-40225. | 4.2 | 3 |
| 240 | Coverage Analysis of Decode-and-Forward Relaying in Millimeter Wave Networks. , 2018, , . | | 3 |
| 241 | NOMA-Aided Multi-Way Massive MIMO Relay Networks. , 2019, , . | | 3 |
| 242 | Evaluation of RF Energy Harvesting by Mobile D2D Nodes Within a Stochastic Field of Base Stations. IEEE Transactions on Green Communications and Networking, 2020, 4, 1120-1129. | 5.5 | 3 |
| 243 | Heuristic Tree Search for Detection and Decoding of Uncoded and Linear Block Coded Communication Systems. , 2006, , . | | 2 |
| 244 | Optimum Design of Differential Unitary Space-Time Modulation. , 2006, , . | | 2 |
| 245 | On Space-Time Block Codes from Coordinate Interleaved Orthogonal Designs. , 2006, , . | | 2 |
| 246 | On the Eigenvalue Distribution of Correlated MIMO Channels by Character Expansion of Groups. , 2008, , . | | 2 |
| 247 | A novel complementary sequence and PMEPR reduction in OFDM. Canadian Journal of Electrical and Computer Engineering, 2008, 33, 45-51. | 2.0 | 2 |
| 248 | OFDMA based cooperative relay networks. , 2008, , . | | 2 |
| 249 | Improved OFDMA uplink transmission *via* cooperative relaying in the presence of frequency offsets–Part II: Outage information rate analysis. European Transactions on Telecommunications, 2010, 21, 241-250. | 1.2 | 2 |
| 250 | Channel estimation with amplitude constraint: Superimposed training or conventional training ?. , 2011, , . | | 2 |
| 251 | Complexity-efficient detection for MIMO relay networks. , 2011, , . | | 2 |
| 252 | Power allocation for two-way amplify-forward relaying with receive channel knowledge. , 2011, , . | | 2 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 253 | Spatial Multipath Resolution with Space Time Block Codes. IEEE Wireless Communications Letters, 2012, 1, 249-252. | 5.0 | 2 |
| 254 | Multi-way MIMO amplify-and-forward relay networks with zero-forcing. , 2012, , . | | 2 |
| 255 | A Novel Base Stations-Mobile Stations Association Policy for Cellular Networks. , 2014, , . | | 2 |
| 256 | New asymptotics for performance of energy detector. , 2014, , . | | 2 |
| 257 | On the success probability of the box-constrained rounding and Babai detectors. , 2017, , . | | 2 |
| 258 | Coverage probability analysis of three uplink power control schemes: Stochastic geometry approach. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, 141. | 2.4 | 2 |
| 259 | A Novel and Tractable Antenna Selection in Spatial Modulation Systems. , 2018, , . | | 2 |
| 260 | Generalized User-Relay Selection in Network-Coded Cooperation Systems. , 2019, , . | | 2 |
| 261 | Exploiting Spectrum Access Ability for Cooperative Spectrum Harvesting. IEEE Transactions on Communications, 2019, 67, 1845-1857. | 7.8 | 2 |
| 262 | Feature-oriented channel estimation in reconfigurable intelligent surface-assisted wireless communication systems. IET Communications, 2020, 14, 3458-3463. | 2.2 | 2 |
| 263 | Rate Enhancement for Distributed Massive MIMO Systems with Underlay Spectrum Sharing. , 2020, , . | | 2 |
| 264 | Network-Coded Cooperative Systems in Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2022, 21, 11011-11023. | 9.2 | 2 |
| 265 | Sum Rate Maximization of Full-Duplex MIMO Monostatic Backscatter Networks Under Residual Self-Interference. , 2022, , . | | 2 |
| 266 | WLC16-3: Performance Analysis and Optimal Signal Designs for Minimum Decoding Complexity ABBA Codes. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , . | 0.0 | 1 |
| 267 | Closed-Form BER Analysis for Antenna Selection Using Orthogonal Space-Time Block Codes. , 2006, , . | | 1 |
| 268 | Maximum Likelihood Detection and Optimal Code Design for Differential Unitary Space-Time Modulation with Carrier Frequency Offset. , 2007, , . | | 1 |
| 269 | Signal-to-Interference-Plus-Noise Ratio Analysis for MIMO-OFDM with Carrier Frequency Offset and Channel Estimation Errors. , 2007, , . | | 1 |
| 270 | MIMO-OFDM Channel Estimation in Presence of Carrier Frequency Offsets. , 2007, , . | | 1 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 271 | Precoding for Multiuser Orthogonal Space-Time Block-Coded OFDM Downlink over Spatially-Correlated Channels. , 2007, , . | | 1 |
| 272 | Cooperative OFDM Channel Estimation with Frequency Offsets. , 2008, , . | | 1 |
| 273 | Reduced Complexity ML Detection for Differential Unitary Space-Time Modulation with Carrier Frequency Offset. , 2008, , . | | 1 |
| 274 | Optimal Pilots for Frequency Offset and Channel Estimation in OFDMA Uplink. , 2008, , . | | 1 |
| 275 | Admission control-based joint bandwidth and power allocation in multi-user DF relay networks. , 2010, , . | | 1 |
| 276 | Sum rate of two-way MIMO AF relay networks with transmit/receive zero-forcing. , 2012, , . | | 1 |
| 277 | Reduced-overhead multicasting of different QoS data classes. , 2012, , . | | 1 |
| 278 | Distributed beamforming and power allocation in two-way multi-relay networks with second-order channel statistics. , 2013, , . | | 1 |
| 279 | Performance analysis of SDMA with inter-tier interference nulling in HetNets. , 2016, , . | | 1 |
| 280 | Performance Analysis of Co-Operative Beacon Sensing Strategies for Spatially Random Cognitive Users. IEEE Transactions on Cognitive Communications and Networking, 2017, 3, 585-598. | 7.9 | 1 |
| 281 | Exact Solutions for Certain Weighted Sum-Rate and Common-Rate Maximization Problems. IEEE Communications Letters, 2018, 22, 1026-1029. | 4.1 | 1 |
| 282 | Detection of a Signal in Colored Noise: A Random Matrix Theory Based Analysis. , 2019, , . | | 1 |
| 283 | Modified REP Pattern for 3Ã—3 Kernel Polar Codes. IEEE Wireless Communications Letters, 2021, 10, 919-923. | 5.0 | 1 |
| 284 | Underlay Cognitive Network-Coded Cooperation over Nakagami-m Fading Channels. , 2021, , . | | 1 |
| 285 | A general combinatorial sphere decoder and its application. IEEE Communications Letters, 2006, 10, 810-812. | 4.1 | 0 |
| 286 | A Simple Construction of 16-QAM Codewords with Low PMEPR for OFDM Signals. , 2006, , . | | 0 |
| 287 | WLC42-5: Adaptive Precoding for Switching between Spatial Multiplexing and Diversity in MIMO OFDM with Transmit Antenna and Path Correlations. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , . | 0.0 | 0 |
| 288 | Performance Analysis of Transmit and Receive Antenna Selection with Space-Time Coding. , 2007, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 289 | Multiuser Detection in DS-CDMA Using Hybrid Evolutionary Strategy. , 2007, , . | | 0 |
| 290 | Closed-Form SER and Capacity Expressions for Receive Antenna Selection Using Orthogonal Space-Time Block Codes. , 2007, , . | | 0 |
| 291 | ÃŸ-complementary Sequences and Peak-to-Mean Envelope Power Ratio Reduction in OFDM. , 2007, , . | | 0 |
| 292 | Improved OFDMA Uplink Transmission via Cooperation in the Presence of Frequency Offsets. , 2008, , . | | 0 |
| 293 | Improving the Sphere-Packing Bound for binary codes over memoryless symmetric channels. , 2009, , . | | 0 |
| 294 | Effects of channel estimation errors on BPSK systems using superimposed pilots. , 2010, , . | | 0 |
| 295 | Annotated raptor codes. , 2011, , . | | 0 |
| 296 | Data-dependent channel estimation and superimposed training design in amplify and forward relay networks. , 2011, , . | | 0 |
| 297 | Soft-output extension of an SNR-adaptive sphere decoder for coded MIMO systems. , 2012, , . | | 0 |
| 298 | Partial expansion sphere decoder with reduced branching factor for MIMO systems. , 2012, , . | | 0 |
| 299 | Uplink Detection and BER Analysis for Ambient Backscatter Communication Systems. , 2014, , . | | 0 |
| 300 | Stochastic geometry analysis of error probability in interference limited wireless networks. , 2015, , . | | 0 |
| 301 | Outage and Decoding Delay Analysis of Full-Duplex DF Relaying: Backward or Sliding Window Decoding. , 2016, , . | | 0 |
| 302 | Generalized Asymptotic Measures for Wireless Fading Channels with a Logarithmic Singularity. , 2017, , . | | 0 |
| 303 | The Place Coverage (TPC) - Three-Stage User Association and Rate Maximization for 5G SD-RAN Systems. , 2017, , . | | 0 |
| 304 | Opportunistic Scheduling in Network-Coded Cooperative Systems. , 2019, , . | | 0 |
| 305 | On the Exact Outage Probability of 2Ã—2 MIMO-MRC in Correlated Rician Fading. , 2020, , . | | 0 |
| 306 | On Statistics of Log-Ratio of Arithmetic Mean to Geometric Mean for Nakagami-m Fading Power. IEICE Transactions on Communications, 2012, E95-B, 647-650. | 0.7 | 0 |

| #   | Article                                                      | IF | Citations |
|-----|-------------------------------------------------------------|----|-----------|
| 307 | Network-Coded Cooperative MIMO with Outdated CSI and CCI. , 2020, , . |    | 0         |
| 308 | New Fast Nodes for 3Ã—3 Kernel Polar Codes. , 2020, , .      |    | 0         |