

Fan-Shuo Tseng

List of Publications by Year in descending order

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180
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | MMSE Transceiver Design for Full-Duplex MIMO Relay Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 6849-6861. | 6.3 | 25 |
| 2 | Robust Tomlinson-Harashima Source and Linear Relay Precoders Design in Amplify-and-Forward MIMO Relay Systems. IEEE Transactions on Communications, 2012, 60, 1124-1137. | 7.8 | 23 |
| 3 | A Spectrum and Energy Cooperation Strategy in Hierarchical Cognitive Radio Cellular Networks. IEEE Wireless Communications Letters, 2016, 5, 252-255. | 5.0 | 23 |
| 4 | Nonlinear Transceiver Designs for Full-Duplex MIMO Relay Systems. IEEE Transactions on Communications, 2017, 65, 4632-4645. | 7.8 | 13 |
| 5 | Source and Relay Precoding for Full-Duplex MIMO Relaying With a SWIPT-Enabled Destination. IEEE Communications Letters, 2018, 22, 1700-1703. | 4.1 | 10 |
| 6 | Robust Tomlinson-Harashima Precoder Design with Random Vector Quantization in MIMO Systems. IEEE Communications Letters, 2014, 18, 265-268. | 4.1 | 8 |
| 7 | Optimum Transceiver Designs in Two-Hop Amplify-and-Forward MIMO Relay Systems With SIC Receivers. IEEE Transactions on Vehicular Technology, 2015, 64, 985-997. | 6.3 | 8 |
| 8 | Finite-Order Source and Relay Filtering Design for Wideband Full-Duplex Amplify-and-Forward Relaying Networks. IEEE Transactions on Communications, 2020, 68, 7395-7409. | 7.8 | 6 |
| 9 | A Low-Complexity 2-D Angle of Arrival Estimation in Massive MIMO Systems. , 2016, , . | | 5 |
| 10 | Finite-Order Filter Designs of Source and Multiple Full-Duplex Relays for Cooperative Communications in Presence of Frequency- Selective Fading and Inter-Relay Interference. IEEE Transactions on Communications, 2022, 70, 3377-3391. | 7.8 | 5 |
| 11 | Joint Precoders Design for Full-Duplex MIMO Relay Systems with QR-SIC Detector. , 2015, , . | | 4 |
| 12 | Theory and Applications of Active Constellation Extension. IEEE Access, 2021, 9, 93111-93118. | 4.2 | 4 |
| 13 | Low-Complexity High-Resolution Frequency Estimation of Multi-Sinusoidal Signals. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12. | 4.7 | 3 |
| 14 | Robust MMSE transceiver design in amplify-and-forward MIMO relay system with Tomlinson-Harashima source precoding. , 2012, , . | | 2 |
| 15 | Joint Precoders Design for Full-Duplex MIMO Relay Systems with QR-SIC Detector. , 2014, , . | | 2 |
| 16 | Cooperative SWIPT Transmission in Overlay Multi-Antennas Hierarchical Cognitive Radio Networks. IEEE Access, 2019, 7, 6032-6046. | 4.2 | 2 |
| 17 | Energy-Efficient Precoder Design for Multi-User MIMO Systems With a Full-Duplex Base Station. IEEE Access, 2019, 7, 157126-157135. | 4.2 | 2 |
| 18 | Codebook Size Design for RVQ-Based Tomlinson-Harashima Precoded MIMO Broadcast Channels. IEEE Transactions on Vehicular Technology, 2015, 64, 4876-4881. | 6.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Limited-Feedback Precoding for Dual-Hop MIMO Relay Systems With SIC Receivers. IEEE Transactions on Vehicular Technology, 2016, 65, 10142-10147. | 6.3 | 1 |
| 20 | Information and Energy Cooperation in Overlay Hierarchical Cognitive Radio Networks. , 2018, , . | | 1 |
| 21 | Robust Beamforming Design for SWIPT-Enabled Hierarchical Cognitive Radio Networks. , 2019, , . | | 1 |
| 22 | A Bit-Adaptive PMI Feedback Mechanism. , 2013, , . | | 0 |
| 23 | Performance analysis and power allocation strategy in overlay cognitive networks. , 2014, , . | | 0 |
| 24 | RVQ-based beamforming design with MMSE criterion in MISO interference channels. , 2014, , . | | 0 |
| 25 | Energy Efficiency Transceiver Design in Multi-antenna Full-Duplex Cellular Systems. , 2019, , . | | 0 |
| 26 | Direct migration motion estimation and mode decision to decoder for a low-complexity decoder Wyner's Ziv video coding. Journal of Electronic Imaging, 2017, 26, 043013. | 0.9 | 0 |
| 27 | Finite-Order Filter Designs for Source and Multiple FDRs in Wideband Cooperative Systems. , 2022, , . | | 0 |
| 28 | A Novel Common Beamforming and Superposition Coding Design for Massive MISO-NOMA Systems. , 2022, , . | | 0 |