

# Fan-Shuo Tseng

## List of Publications by Year in descending order

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28  
papers

149  
citations

1307594

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h-index

1199594

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all docs

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docs citations

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times ranked

180  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Finite-Order Filter Designs for Source and Multiple FDRs in Wideband Cooperative Systems. , 2022, , .		0
3	A Novel Common Beamforming and Superposition Coding Design for Massive MISO-NOMA Systems. , 2022, , .		0
4	Low-Complexity High-Resolution Frequency Estimation of Multi-Sinusoidal Signals. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	3
5	Theory and Applications of Active Constellation Extension. IEEE Access, 2021, 9, 93111-93118.	4.2	4
6	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
7	Energy Efficiency Transceiver Design in Multi-antenna Full-Duplex Cellular Systems. , 2019, , .		0
8	Cooperative SWIPT Transmission in Overlay Multi-Antennas Hierarchical Cognitive Radio Networks. IEEE Access, 2019, 7, 6032-6046.	4.2	2
9	Robust Beamforming Design for SWIPT-Enabled Hierarchical Cognitive Radio Networks. , 2019, , .		1
10	Energy-Efficient Precoder Design for Multi-User MIMO Systems With a Full-Duplex Base Station. IEEE Access, 2019, 7, 157126-157135.	4.2	2
11	Source and Relay Precoding for Full-Duplex MIMO Relaying With a SWIPT-Enabled Destination. IEEE Communications Letters, 2018, 22, 1700-1703.	4.1	10
12	Information and Energy Cooperation in Overlay Hierarchical Cognitive Radio Networks. , 2018, , .		1
13	MMSE Transceiver Design for Full-Duplex MIMO Relay Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 6849-6861.	6.3	25
14	Nonlinear Transceiver Designs for Full-Duplex MIMO Relay Systems. IEEE Transactions on Communications, 2017, 65, 4632-4645.	7.8	13
15	Direct migration motion estimation and mode decision to decoder for a low-complexity decoder Wyner&Ziv video coding. Journal of Electronic Imaging, 2017, 26, 043013.	0.9	0
16	A Low-Complexity 2-D Angle of Arrival Estimation in Massive MIMO Systems. , 2016, , .		5
17	Limited-Feedback Precoding for Dual-Hop MIMO Relay Systems With SIC Receivers. IEEE Transactions on Vehicular Technology, 2016, 65, 10142-10147.	6.3	1
18	A Spectrum and Energy Cooperation Strategy in Hierarchical Cognitive Radio Cellular Networks. IEEE Wireless Communications Letters, 2016, 5, 252-255.	5.0	23

#	ARTICLE	IF	CITATIONS
19	Joint Precoders Design for Full-Duplex MIMO Relay Systems with QR-SIC Detector. , 2015, , .		4
20	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
21	Codebook Size Design for RVQ-Based Tomlinson-Harashima Precoded MIMO Broadcast Channels. IEEE Transactions on Vehicular Technology, 2015, 64, 4876-4881.	6.3	1
22	Performance analysis and power allocation strategy in overlay cognitive networks. , 2014, , .		0
23	Robust Tomlinson-Harashima Precoder Design with Random Vector Quantization in MIMO Systems. IEEE Communications Letters, 2014, 18, 265-268.	4.1	8
24	RVQ-based beamforming design with MMSE criterion in MISO interference channels. , 2014, , .		0
25	Joint Precoders Design for Full-Duplex MIMO Relay Systems with QR-SIC Detector. , 2014, , .		2
26	A Bit-Adaptive PMI Feedback Mechanism. , 2013, , .		0
27	Robust MMSE transceiver design in amplify-and-forward MIMO relay system with Tomlinson-Harashima source precoding. , 2012, , .		2
28	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