

# Yindi Jing

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

1,690

citations

21

h-index

40

g-index

80

ext. papers

2,188

ext. citations

6.5

avg, IF

5.42

L-index

#	Paper	IF	Citations
66	Single and multiple relay selection schemes and their achievable diversity orders. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 1414-1423	9.6	437
65	Network Beamforming Using Relays With Perfect Channel Information. <i>IEEE Transactions on Information Theory</i> , <b>2009</b> , 55, 2499-2517	2.8	245
64	Distributed beamforming in wireless relay networks with quantized feedback. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2008</b> , 26, 1429-1439	14.2	73
63	Relay Selection Schemes and Performance Analysis Approximations for Two-Way Networks. <i>IEEE Transactions on Communications</i> , <b>2013</b> , 61, 987-998	6.9	70
62	Performance Analysis and Location Optimization for Massive MIMO Systems With Circularly Distributed Antennas. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 5659-5671	9.6	54
61	Sum-Rate Analysis for Massive MIMO Downlink With Joint Statistical Beamforming and User Scheduling. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 2181-2194	9.6	50
60	Spectral Efficiency of Mixed-ADC Receivers for Massive MIMO Systems. <i>IEEE Access</i> , <b>2016</b> , 4, 7841-7846	3.5	50
59	Relay Selection and Performance Analysis in Multiple-User Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 1517-1529	14.2	45
58	A relay selection scheme for two-way amplify-and-forward relay networks <b>2009</b> ,		35
57	Power Allocation and Pricing in Multiuser Relay Networks Using Stackelberg and Bargaining Games. <i>IEEE Transactions on Vehicular Technology</i> , <b>2012</b> , 61, 3177-3190	6.8	34
56	Model-Based General Arcing Fault Detection in Medium-Voltage Distribution Lines. <i>IEEE Transactions on Power Delivery</i> , <b>2016</b> , 31, 2231-2241	4.3	30
55	Deep Learning-Based Sphere Decoding. <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 4368-4378		30
54	Physical-Layer Security in Full-Duplex Multi-Hop Multi-User Wireless Network With Relay Selection. <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 1216-1232	9.6	30
53	ML-Based Channel Estimations for Non-Regenerative Relay Networks with Multiple Transmit and Receive Antennas. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2012</b> , 30, 1428-1439	14.2	29
52	Channel Training Design in Amplify-and-Forward MIMO Relay Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 3380-3391	9.6	29
51	Interference and Outage Probability Analysis for Massive MIMO Downlink with MF Precoding. <i>IEEE Signal Processing Letters</i> , <b>2016</b> , 23, 366-370	3.2	28
50	Power Allocation in Multi-User Wireless Relay Networks through Bargaining. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 2870-2882	9.6	28

49	Multicycle Incipient Fault Detection and Location for Medium Voltage Underground Cable. <i>IEEE Transactions on Power Delivery</i> , <b>2017</b> , 32, 1450-1459	4.3	27
48	Performance Analysis and Scaling Law of MRC/MRT Relaying With CSI Error in Multi-Pair Massive MIMO Systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 5882-5896	9.6	26
47	A Generic Waveform Abnormality Detection Method for Utility Equipment Condition Monitoring. <i>IEEE Transactions on Power Delivery</i> , <b>2017</b> , 32, 162-171	4.3	22
46	Performance Analysis for Massive MIMO Downlink With Low Complexity Approximate Zero-Forcing Precoding. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 3848-3864	6.9	22
45	Decision Directed Channel Estimation Based on Deep Neural Network $\delta$ -Step Predictor for MIMO Communications in 5G. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2019</b> , 37, 2443-2456	14.2	21
44	New Viewpoint and Algorithms for Water-Filling Solutions in Wireless Communications. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 1618-1634	4.8	20
43	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 1840-1844	6.8	19
42	Outage Probability Analysis and Resolution Profile Design for Massive MIMO Uplink With Mixed-ADC. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 6293-6306	9.6	19
41	. <i>IEEE Transactions on Communications</i> , <b>2012</b> , 60, 1534-1544	6.9	18
40	Energy Efficient Beamforming for Massive MIMO Public Channel. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 10595-10600	6.8	17
39	Performance Analysis of Full-Duplex Massive MIMO Systems With Low-Resolution ADCs/DACs Over Rician Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 7389-7403	6.8	12
38	Combination of MRC and Distributed Space-Time Coding in Networks with Multiple-Antenna Relays. <i>IEEE Transactions on Wireless Communications</i> , <b>2010</b> , 9, 2550-2559	9.6	12
37	Relay Power Allocation in Distributed Space-Time Coded Networks with Channel Statistical Information. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 443-449	9.6	12
36	Performance Scaling Law for Multicell Multiuser Massive MIMO. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 9890-9903	6.8	11
35	Channel Equalization and Detection With ELM-Based Regressors for OFDM Systems. <i>IEEE Communications Letters</i> , <b>2020</b> , 24, 86-89	3.8	11
34	On Weighted MSE Model for MIMO Transceiver Optimization. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 7072-7085	6.8	10
33	A Novel Low-Complexity Joint User-Relay Selection and Association for Multi-User Multi-Relay MIMO Uplink. <i>IEEE Wireless Communications Letters</i> , <b>2015</b> , 4, 309-312	5.9	10
32	Source-Based Jamming for Physical-Layer Security on Untrusted Full-Duplex Relay. <i>IEEE Communications Letters</i> , <b>2019</b> , 23, 842-846	3.8	8

31	Closed-Form Average SNR and Ergodic Capacity Approximations for Best Relay Selection. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 2827-2833	6.8	7
30	Performance Analysis of Massive MIMO Multi-Way Relay Networks With Low-Resolution ADCs. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 5794-5806	9.6	6
29	Interleaved Training and Training-Based Transmission Design for Hybrid Massive Antenna Downlink. <i>IEEE Journal on Selected Topics in Signal Processing</i> , <b>2018</b> , 12, 541-556	7.5	6
28	Multisource Transmission for Wireless Relay Networks With Linear Complexity. <i>IEEE Transactions on Signal Processing</i> , <b>2011</b> , 59, 2898-2912	4.8	6
27	NOMA Design With Power-Outage Tradeoff for Two-User Systems. <i>IEEE Wireless Communications Letters</i> , <b>2020</b> , 9, 1278-1282	5.9	5
26	SE Analysis for Mixed-ADC Massive MIMO Uplink With ZF Receiver and Imperfect CSI. <i>IEEE Wireless Communications Letters</i> , <b>2020</b> , 9, 438-442	5.9	5
25	Modified MRT and outage probability analysis for massive MIMO downlink under per-antenna power constraint <b>2016</b> ,		5
24	Iterative Double-Auction-Based Power Allocation in Multiuser Cooperative Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 4298-4303	6.8	4
23	Partial Zero-Forcing for Multi-Way Relay Networks. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 1-1	6.9	4
22	Optimal Design of Noise-Enhanced Binary Threshold Detector Under AUC Measure. <i>IEEE Signal Processing Letters</i> , <b>2013</b> , 20, 161-164	3.2	4
21	SVD-Based Channel Estimation for MIMO Relay Networks <b>2012</b> ,		4
20	A Deep Learning Based Channel Estimation for High Mobility Vehicular Communications <b>2020</b> ,		3
19	. <i>IEEE Signal Processing Letters</i> , <b>2020</b> , 27, 271-275	3.2	3
18	Power Allocation in Training for Amplify-and-Forward Relay Network <b>2013</b> ,		3
17	SVD-based estimation for reduced-rank MIMO channel <b>2014</b> ,		3
16	Beamforming in MIMO broadcast relay networks with multiple antenna users <b>2011</b> ,		3
15	Transmission and Clustering Designs for Multi-Antenna NOMA Based on Average Transmit Power. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 3412-3427	6.8	3
14	Physical-Layer Security in Full-Duplex Multi-User Relay Networks <b>2018</b> ,		3

13	SNR-per-unit-power optimization in relay networks <b>2013</b> ,		2
12	Distributed beamforming in multi-cell cooperative MIMO Cellular Networks with non-regenerative relays: An LTE-Advanced framework <b>2013</b> ,		2
11	On the Performance of Multi-Antenna IRS-Assisted NOMA Networks with Continuous and Discrete IRS Phase Shifting. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	2
10	A Unified MIMO Optimization Framework Relying on the KKT Conditions. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 1-1	6.9	2
9	Performance Analysis of Massive MIMO Multi-Way Relays with Low-Resolution ADCs <b>2019</b> ,		1
8	Power Allocation in training for two-way amplify-and-forward relay network <b>2013</b> ,		1
7	Improved training and training power allocation schemes for multi-relay AF networks <b>2015</b> ,		1
6	Power bargaining in multi-source relay networks <b>2012</b> ,		1
5	Distributed space-time code designs via Cayley transform <b>2009</b> ,		1
4	Interleaved Training for Intelligent Surface-Assisted Wireless Communications. <i>IEEE Signal Processing Letters</i> , <b>2020</b> , 27, 1774-1778	3.2	1
3	Spectral-Energy Efficiency Tradeoff in Mixed-ADC Massive MIMO Uplink with Imperfect CSI. <i>Chinese Journal of Electronics</i> , <b>2019</b> , 28, 618-624	0.9	1
2	A Blind Distributed Spectrum Sensing Scheme with Homogeneity Test. <i>IEEE Transactions on Wireless Communications</i> , <b>2022</b> , 1-1	9.6	
1	Adaptive Naive Bayes Classifier Based Filter Using Kernel Density Estimation for Pipeline Leakage Detection. <i>IEEE Transactions on Control Systems Technology</i> , <b>2022</b> , 1-8	4.8	