

# Yindi Jing

## List of Publications by Year in descending order

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80  
papers

2,483  
citations

236925

25  
h-index

197818

49  
g-index

80  
all docs

80  
docs citations

80  
times ranked

1980  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single and multiple relay selection schemes and their achievable diversity orders. IEEE Transactions on Wireless Communications, 2009, 8, 1414-1423.	9.2	576
2	Network Beamforming Using Relays With Perfect Channel Information. IEEE Transactions on Information Theory, 2009, 55, 2499-2517.	2.4	350
3	Distributed beamforming in wireless relay networks with quantized feedback. IEEE Journal on Selected Areas in Communications, 2008, 26, 1429-1439.	14.0	110
4	Relay Selection Schemes and Performance Analysis Approximations for Two-Way Networks. IEEE Transactions on Communications, 2013, 61, 987-998.	7.8	94
5	Sum-Rate Analysis for Massive MIMO Downlink With Joint Statistical Beamforming and User Scheduling. IEEE Transactions on Wireless Communications, 2017, 16, 2181-2194.	9.2	78
6	Performance Analysis and Location Optimization for Massive MIMO Systems With Circularly Distributed Antennas. IEEE Transactions on Wireless Communications, 2015, 14, 5659-5671.	9.2	67
7	Spectral Efficiency of Mixed-ADC Receivers for Massive MIMO Systems. IEEE Access, 2016, 4, 7841-7846.	4.2	62
8	Relay Selection and Performance Analysis in Multiple-User Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 1517-1529.	14.0	58
9	Model-Based General Arcing Fault Detection in Medium-Voltage Distribution Lines. IEEE Transactions on Power Delivery, 2016, 31, 2231-2241.	4.3	56
10	A relay selection scheme for two-way amplify-and-forward relay networks. , 2009, , .		54
11	New Viewpoint and Algorithms for Water-Filling Solutions in Wireless Communications. IEEE Transactions on Signal Processing, 2020, 68, 1618-1634.	5.3	53
12	Multicycle Incipient Fault Detection and Location for Medium Voltage Underground Cable. IEEE Transactions on Power Delivery, 2017, 32, 1450-1459.	4.3	50
13	Power Allocation and Pricing in Multiuser Relay Networks Using Stackelberg and Bargaining Games. IEEE Transactions on Vehicular Technology, 2012, 61, 3177-3190.	6.3	47
14	Deep Learning-Based Sphere Decoding. IEEE Transactions on Wireless Communications, 2019, 18, 4368-4378.	9.2	47
15	Physical-Layer Security in Full-Duplex Multi-Hop Multi-User Wireless Network With Relay Selection. IEEE Transactions on Wireless Communications, 2019, 18, 1216-1232.	9.2	47
16	Decision Directed Channel Estimation Based on Deep Neural Network $k$ -Step Predictor for MIMO Communications in 5G. IEEE Journal on Selected Areas in Communications, 2019, 37, 2443-2456.	14.0	45
17	Interference and Outage Probability Analysis for Massive MIMO Downlink with MF Precoding. IEEE Signal Processing Letters, 2016, 23, 366-370.	3.6	41
18	A Generic Waveform Abnormality Detection Method for Utility Equipment Condition Monitoring. IEEE Transactions on Power Delivery, 2017, 32, 162-171.	4.3	41

#	ARTICLE	IF	CITATIONS
19	Power Allocation in Multi-User Wireless Relay Networks through Bargaining. IEEE Transactions on Wireless Communications, 2013, 12, 2870-2882.	9.2	38
20	On the Performance of Multi-Antenna IRS-Assisted NOMA Networks With Continuous and Discrete IRS Phase Shifting. IEEE Transactions on Wireless Communications, 2022, 21, 3012-3023.	9.2	35
21	ML-Based Channel Estimations for Non-Regenerative Relay Networks with Multiple Transmit and Receive Antennas. IEEE Journal on Selected Areas in Communications, 2012, 30, 1428-1439.	14.0	34
22	Performance Analysis for Massive MIMO Downlink With Low Complexity Approximate Zero-Forcing Precoding. IEEE Transactions on Communications, 2018, 66, 3848-3864.	7.8	33
23	Channel Training Design in Amplify-and-Forward MIMO Relay Networks. IEEE Transactions on Wireless Communications, 2011, 10, 3380-3391.	9.2	32
24	Performance Analysis and Scaling Law of MRC/MRT Relaying With CSI Error in Multi-Pair Massive MIMO Systems. IEEE Transactions on Wireless Communications, 2017, 16, 5882-5896.	9.2	32
25	Receiver Energy Efficiency and Resolution Profile Design for Massive MIMO Uplink With Mixed ADC. IEEE Transactions on Vehicular Technology, 2018, 67, 1840-1844.	6.3	28
26	Energy Efficient Beamforming for Massive MIMO Public Channel. IEEE Transactions on Vehicular Technology, 2017, 66, 10595-10600.	6.3	27
27	Channel Equalization and Detection With ELM-Based Regressors for OFDM Systems. IEEE Communications Letters, 2020, 24, 86-89.	4.1	24
28	Outage Probability Analysis and Resolution Profile Design for Massive MIMO Uplink With Mixed-ADC. IEEE Transactions on Wireless Communications, 2018, 17, 6293-6306.	9.2	22
29	Performance Analysis of Full-Duplex Massive MIMO Systems With Low-Resolution ADCs/DACs Over Rician Fading Channels. IEEE Transactions on Vehicular Technology, 2020, 69, 7389-7403.	6.3	21
30	A Novel Low-Complexity Joint User-Relay Selection and Association for Multi-User Multi-Relay MIMO Uplink. IEEE Wireless Communications Letters, 2015, 4, 309-312.	5.0	20
31	Training and Decodings for Cooperative Network with Multiple Relays and Receive Antennas. IEEE Transactions on Communications, 2012, 60, 1534-1544.	7.8	19
32	Relay Power Allocation in Distributed Space-Time Coded Networks with Channel Statistical Information. IEEE Transactions on Wireless Communications, 2011, 10, 443-449.	9.2	18
33	Performance Scaling Law for Multicell Multiuser Massive MIMO. IEEE Transactions on Vehicular Technology, 2017, 66, 9890-9903.	6.3	17
34	Combination of MRC and Distributed Space-Time Coding in Networks with Multiple-Antenna Relays. IEEE Transactions on Wireless Communications, 2010, 9, 2550-2559.	9.2	16
35	Interleaved Training and Training-Based Transmission Design for Hybrid Massive Antenna Downlink. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 541-556.	10.8	14
36	Source-Based Jamming for Physical-Layer Security on Untrusted Full-Duplex Relay. IEEE Communications Letters, 2019, 23, 842-846.	4.1	14

#	ARTICLE	IF	CITATIONS
37	On Weighted MSE Model for MIMO Transceiver Optimization. IEEE Transactions on Vehicular Technology, 2017, 66, 7072-7085.	6.3	13
38	NOMA Design With Power-Outage Tradeoff for Two-User Systems. IEEE Wireless Communications Letters, 2020, 9, 1278-1282.	5.0	11
39	Closed-Form Average SNR and Ergodic Capacity Approximations for Best Relay Selection. IEEE Transactions on Vehicular Technology, 2016, 65, 2827-2833.	6.3	9
40	Performance Analysis of Massive MIMO Multi-Way Relay Networks With Low-Resolution ADCs. IEEE Transactions on Wireless Communications, 2020, 19, 5794-5806.	9.2	8
41	Multisource Transmission for Wireless Relay Networks With Linear Complexity. IEEE Transactions on Signal Processing, 2011, 59, 2898-2912.	5.3	7
42	Iterative Double-Auction-Based Power Allocation in Multiuser Cooperative Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 4298-4303.	6.3	7
43	Modified MRT and outage probability analysis for massive MIMO downlink under per-antenna power constraint. , 2016, , .		7
44	SE Analysis for Mixed-ADC Massive MIMO Uplink With ZF Receiver and Imperfect CSI. IEEE Wireless Communications Letters, 2020, 9, 438-442.	5.0	7
45	Massive MIMO With Ternary ADCs. IEEE Signal Processing Letters, 2020, 27, 271-275.	3.6	7
46	A Unified MIMO Optimization Framework Relying on the KKT Conditions. IEEE Transactions on Communications, 2021, 69, 7251-7268.	7.8	7
47	Optimal Design of Noise-Enhanced Binary Threshold Detector Under AUC Measure. IEEE Signal Processing Letters, 2013, 20, 161-164.	3.6	6
48	A Deep Learning Based Channel Estimation for High Mobility Vehicular Communications. , 2020, , .		6
49	Transmission and Clustering Designs for Multi-Antenna NOMA Based on Average Transmit Power. IEEE Transactions on Vehicular Technology, 2021, 70, 3412-3427.	6.3	6
50	SVD-Based Channel Estimation for MIMO Relay Networks. , 2012, , .		5
51	Partial Zero-Forcing for Multi-Way Relay Networks. IEEE Transactions on Communications, 2018, , 1-1.	7.8	5
52	Average Power Analysis and User Clustering Design for MISO-NOMA Systems. , 2020, , .		5
53	Power bargaining in multi-source relay networks. , 2012, , .		4
54	Power Allocation and Sum-Rate Analysis for Multi-User Multi-Relay Networks. , 2013, , .		4

#	ARTICLE	IF	CITATIONS
55	SVD-based estimation for reduced-rank MIMO channel. , 2014, , .		4
56	Physical-Layer Security in Full-Duplex Multi-User Relay Networks. , 2018, , .		4
57	Interleaved Training for Intelligent Surface-Assisted Wireless Communications. IEEE Signal Processing Letters, 2020, 27, 1774-1778.	3.6	4
58	Beamforming in MIMO broadcast relay networks with multiple antenna users. , 2011, , .		3
59	Power Allocation in Training for Amplify-and-Forward Relay Network. , 2013, , .		3
60	SNR-per-unit-power optimization in relay networks. , 2013, , .		3
61	Partial zero forcing for multi-way relay networks. , 2015, , .		3
62	Performance analysis of MRC/MRT relaying in massive MIMO systems via interference modelling. , 2016, , .		3
63	Power Allocation in training for two-way amplify-and-forward relay network. , 2013, , .		2
64	Distributed beamforming in multi-cell cooperative MIMO Cellular Networks with non-regenerative relays: An LTE-Advanced framework. , 2013, , .		2
65	Performance Analysis of Massive MIMO Multi-Way Relays with Low-Resolution ADCs. , 2019, , .		2
66	Adaptive Naive Bayes Classifier Based Filter Using Kernel Density Estimation for Pipeline Leakage Detection. IEEE Transactions on Control Systems Technology, 2023, 31, 426-433.	5.2	2
67	Distributed space-time code designs via Cayley transform. , 2009, , .		1
68	Improved training and training power allocation schemes for multi-relay AF networks. , 2015, , .		1
69	Conditional Training Based GM and GM-OPELM Data Fusion Schemes in Wireless Sensor Networks. , 2019, , .		1
70	Spectralâ€Energy Efficiency Tradeoff in Mixedâ€ADC Massive MIMO Uplink with Imperfect CSI. Chinese Journal of Electronics, 2019, 28, 618-624.	1.5	1
71	Power control for two-way relay networks under per-node power constraint. , 2012, , .		0
72	A low-complexity precoding scheme for two-user massive MIMO downlink. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
73	Performance sensitivity analysis of linear alarm filters. , 2017, , .		0
74	Comprehensive scaling law for single-cell massive MIMO with MRT. , 2017, , .		0
75	Low Complexity Approximate Zero-Forcing Precoding for Massive MIMO Downlink. , 2018, , .		0
76	Receiver Design and SER Analysis of Massive MIMO Uplink With Mixed-Resolution ADCs. , 2019, , .		0
77	Abnormality Detection with RÃ©nyi Divergence for Univariate Gaussian Data. , 2019, , .		0
78	Statistical Radius Selection for Sphere Decoding. , 2020, , .		0
79	Deep Adaptive Transmission for Internet of Vehicles (IoV). , 2020, , .		0
80	A Blind Distributed Spectrum Sensing Scheme With Homogeneity Test. IEEE Transactions on Wireless Communications, 2022, 21, 7506-7520.	9.2	0