Xiaodai Dong

List of Publications by Year
in descending order

159 papers	4,432 citations	126907 33 h-index	118850 62 g-index
159 all docs	159 docs citations	159 times ranked	3710 citing authors

#	Article	IF	Citations
1	Low-Complexity Hybrid Precoding in Massive Multiuser MIMO Systems. IEEE Wireless Communications Letters, 2014, 3, 653-656.	5.0	633
2	Hybrid Block Diagonalization for Massive Multiuser MIMO Systems. IEEE Transactions on Communications, 2016, 64, 201-211.	7.8	290
3	Recurrent Neural Networks for Accurate RSSI Indoor Localization. IEEE Internet of Things Journal, 2019, 6, 10639-10651.	8.7	237
4	5G Cellular User Equipment: From Theory to Practical Hardware Design. IEEE Access, 2017, 5, 13992-14010.	4.2	173
5	Design of a Reconfigurable MIMO System for THz Communications Based on Graphene Antennas. IEEE Transactions on Terahertz Science and Technology, 2014, 4, 609-617.	3.1	159
6	Near-Optimal Hybrid Processing for Massive MIMO Systems via Matrix Decomposition. IEEE Transactions on Signal Processing, 2017, 65, 3922-3933.	5.3	128
7	Linear Interpolation in Pilot Symbol Assisted Channel Estimation for OFDM. IEEE Transactions on Wireless Communications, 2007, 6, 1910-1920.	9.2	113
8	Impact of Channel Estimation Error on the Performance of Amplify-and-Forward Two-Way Relaying. IEEE Transactions on Vehicular Technology, 2012, 61, 1197-1207.	6.3	112
9	Signaling constellations for fading channels. IEEE Transactions on Communications, 1999, 47, 703-714.	7.8	97
10	Enabling Multi-Functional 5G and Beyond User Equipment: A Survey and Tutorial. IEEE Access, 2019, 7, 116975-117008.	4.2	82
11	A Soft Range Limited K-Nearest Neighbors Algorithm for Indoor Localization Enhancement. IEEE Sensors Journal, 2018, 18, 10208-10216.	4.7	80
12	Distributed and Multilayer UAV Networks for Next-Generation Wireless Communication and Power Transfer: A Feasibility Study. IEEE Internet of Things Journal, 2019, 6, 7103-7115.	8.7	78
13	Power Allocation for Multi-Pair Massive MIMO Two-Way AF Relaying With Linear Processing. IEEE Transactions on Wireless Communications, 2016, 15, 5932-5946.	9.2	77
14	Joint Precoding Optimization for Multiuser Multi-Antenna Relaying Downlinks Using Quadratic Programming. IEEE Transactions on Communications, 2011, 59, 1228-1235.	7.8	69
15	Error probabilities of two-dimensional M-ary signaling in fading. IEEE Transactions on Communications, 1999, 47, 352-355.	7.8	68
16	Hybrid Precoding Architecture for Massive Multiuser MIMO With Dissipation: Sub-Connected or Fully Connected Structures?. IEEE Transactions on Wireless Communications, 2018, 17, 5465-5479.	9.2	67
17	Cellular Communications in Ocean Waves for Maritime Internet of Things. IEEE Internet of Things Journal, 2020, 7, 9965-9979.	8.7	64
18	Spectral and Energy Efficiency of Multi-Pair Massive MIMO Relay Network With Hybrid Processing. IEEE Transactions on Communications, 2017, 65, 3794-3809.	7.8	63

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19	MIMO Relaying Broadcast Channels With Linear Precoding and Quantized Channel State Information Feedback. IEEE Transactions on Signal Processing, 2010, 58, 5233-5245.	5.3	59
20	High-Accuracy Localization Platform Using Asynchronous Time Difference of Arrival Technology. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1728-1742.	4.7	55
21	A New Transmitted Reference Pulse Cluster System for UWB Communications. IEEE Transactions on Vehicular Technology, 2008, 57, 3217-3224.	6.3	51
22	Opportunistic Multiple Relay Selection With Outdated Channel State Information. IEEE Transactions on Vehicular Technology, 2012, 61, 1333-1345.	6.3	49
23	Spectral Efficiency of Carbon Nanotube Antenna Based MIMO Systems in the Terahertz Band. IEEE Wireless Communications Letters, 2013, 2, 631-634.	5.0	49
24	Pricing and Revenue Maximization for Battery Charging Services in PHEV Markets. IEEE Transactions on Vehicular Technology, 2014, 63, 1987-1993.	6.3	49
25	Outage probability for lognormal-shadowed Rician channels. IEEE Transactions on Vehicular Technology, 1997, 46, 400-407.	6.3	46
26	Omni SCADA Intrusion Detection Using Deep Learning Algorithms. IEEE Internet of Things Journal, 2021, 8, 951-961.	8.7	45
27	Frequency-Domain Channel Estimation for SC-FDE in UWB Communications. IEEE Transactions on Communications, 2006, 54, 2155-2163.	7.8	40
28	Comparison of Frequency Offset and Timing Offset Effects on the Performance of SC-FDE and OFDM Over UWB Channels. IEEE Transactions on Vehicular Technology, 2009, 58, 242-250.	6.3	39
29	A Framework on Hybrid MIMO Transceiver Design Based on Matrix-Monotonic Optimization. IEEE Transactions on Signal Processing, 2019, 67, 3531-3546.	5.3	37
30	Multiuser Massive MIMO Relaying With Mixed-ADC Receiver. IEEE Signal Processing Letters, 2017, 24, 76-80.	3.6	36
31	QoS-Compliant 3-D Deployment Optimization Strategy for UAV Base Stations. IEEE Systems Journal, 2021, 15, 1795-1803.	4.6	36
32	Multiple Access and Data Reconstruction in Wireless Sensor Networks Based on Compressed Sensing. IEEE Transactions on Wireless Communications, 2013, 12, 3399-3411.	9.2	35
33	Life-Threatening Ventricular Arrhythmia Detection With Personalized Features. IEEE Access, 2017, 5, 14195-14203.	4.2	35
34	Rake-MMSE-equalizer performance for UWB. IEEE Communications Letters, 2005, 9, 502-504.	4.1	33
35	An Adaptive and Parameter-Free Recurrent Neural Structure for Wireless Channel Prediction. IEEE Transactions on Communications, 2019, 67, 8086-8096.	7.8	33
36	Inter-Patient CNN-LSTM for QRS Complex Detection in Noisy ECG Signals. IEEE Access, 2019, 7, 169359-169370.	4.2	30

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37	Rake-MMSE-equalizer performance for UWB. IEEE Communications Letters, 2005, 9, 502-504.	4.1	29
38	Spectrum Shaping and NBI Suppression in UWB Communications. IEEE Transactions on Wireless Communications, 2007, 6, 1944-1952.	9.2	29
39	Cellular and WiFi Co-design for 5G User Equipment. , 2018, , .		29
40	Universal activation function for machine learning. Scientific Reports, 2021, 11, 18757.	3.3	29
41	Optimized One-Way Relaying Strategy With Outdated CSI Quantization for Spatial Multiplexing. IEEE Transactions on Signal Processing, 2012, 60, 4458-4464.	5.3	28
42	Energy Harvesting Wireless Communications With Energy Cooperation Between Transmitter and Receiver. IEEE Transactions on Communications, 2015, 63, 1457-1469.	7.8	27
43	Synchronization and Integration Region Optimization for UWB Signals with Non-coherent Detection and Auto-correlation Detection. IEEE Transactions on Communications, 2008, 56, 790-798.	7.8	25
44	Asymptotically Optimal Power Allocation for Massive MIMO Wireless Powered Communications. IEEE Wireless Communications Letters, 2016, 5, 100-103.	5.0	25
45	New results on the BER of switched diversity combining over nakagami fading channels. IEEE Communications Letters, 2005, 9, 136-138.	4.1	23
46	Near-Optimal Channel Estimation for OFDM in Fast-Fading Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 3780-3791.	6.3	23
47	Multiple CFO Mitigation in Amplify-and-Forward Cooperative OFDM Transmission. IEEE Transactions on Communications, 2012, 60, 3844-3854.	7.8	23
48	Multicell Edge Coverage Enhancement Using Mobile UAV-Relay. IEEE Internet of Things Journal, 2020, 7, 7482-7494.	8.7	23
49	Unified analysis of generalized selection combining with normalized threshold test per branch. IEEE Transactions on Wireless Communications, 2006, 5, 2153-2163.	9.2	20
50	Modeling the bids of wind power producers in the day-ahead market with stochastic market clearing. Sustainable Energy Technologies and Assessments, 2016, 16, 151-161.	2.7	20
51	On diversity reception of narrow-band 16 STAR-QAM in fast Rician fading. IEEE Transactions on Vehicular Technology, 1997, 46, 923-932.	6.3	19
52	How to approach zero-forcing under RF chain limitations in large mmWave multiuser systems?. , 2014, , .		19
53	Multi-Beam Multi-Stream Communications for 5G and beyond Mobile User Equipment and UAV Proof of Concept Designs. , 2019, , .		19
54	New analytical expressions for orthogonal, biorthogonal, and transorthogonal signaling in Nakagami fading channels with diversity reception. IEEE Transactions on Wireless Communications, 2005, 4, 1418-1424.	9.2	18

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55	A new UWB dual pulse transmission and detection technique. , 0, , .		17
56	A Framework for Location-Aware Strategies in Cognitive Radio Systems. IEEE Wireless Communications Letters, 2012, 1, 30-33.	5.0	17
57	Hybrid mmWave MIMO-OFDM Channel Estimation Based on the Multi-Band Sparse Structure of Channel. IEEE Transactions on Communications, 2019, 67, 1018-1030.	7.8	17
58	New analytical probability of error expressions for classes of orthogonal signals in rayleigh fading. IEEE Transactions on Communications, 2003, 51, 849-853.	7.8	16
59	Symbol Error Probability of Two-Dimensional Signaling in Ricean Fading With Imperfect Channel Estimation. IEEE Transactions on Vehicular Technology, 2005, 54, 538-549.	6.3	16
60	Channel Estimation and Hybrid Precoding for Distributed Phased Arrays Based MIMO Wireless Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 12921-12937.	6.3	16
61	The exact transition probability and bit error probability of two-dimensional signaling. IEEE Transactions on Wireless Communications, 2005, 4, 2600-2609.	9.2	15
62	Interference Cancellation Aided Hybrid Beamforming for mmWave Multi-User Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 2322-2336.	6.3	15
63	Distributed Q-Learning Based Joint Relay Selection and Access Control Scheme for IoT-Oriented Satellite Terrestrial Relay Networks. IEEE Communications Letters, 2021, 25, 1901-1905.	4.1	15
64	Deep Q-Network Based Dynamic Movement Strategy in a UAV-Assisted Network. , 2020, , .		15
65	A time-division multiple-access SC-FDE system with IBI suppression for UWB communications. IEEE Journal on Selected Areas in Communications, 2006, 24, 920-926.	14.0	14
66	Machine Learning-Based Hybrid Precoding With Low-Resolution Analog Phase Shifters. IEEE Communications Letters, 2021, 25, 186-190.	4.1	14
67	Performance analysis of dual pulse transmission in UWB channels. IEEE Communications Letters, 2006, 10, 626-628.	4.1	13
68	Low-density parity-check convolutional codes for ethernet networks. , 0, , .		12
69	Integration Interval Determination Algorithms for BER Minimization in UWB Transmitted Reference Pulse Cluster Systems. IEEE Transactions on Wireless Communications, 2010, 9, 2408-2414.	9.2	12
70	Coalition-Assisted Resource Allocation in Large Amplify-and-Forward Cooperative Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 1863-1873.	6.3	12
71	Performance of transmitted reference pulse cluster ultraâ€wideband systems with forward error correction. International Journal of Communication Systems, 2014, 27, 265-276.	2.5	12
72	Hybrid beamforming design for mmWave OFDM distributed antenna systems. Science China Information Sciences, 2020, 63, 1.	4.3	12

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73	Error Performance of Orthogonal Signaling Family in Ricean-Fading Channels With Maximal Ratio Combining. IEEE Transactions on Vehicular Technology, 2004, 53, 1942-1947.	6.3	11
74	Asymptotic Achievable Rate Analysis for Selection Strategies in Amplify-and-Forward MIMO Two-Hop Networks With Feedback. IEEE Transactions on Vehicular Technology, 2010, 59, 3662-3668.	6.3	11
75	Multipair Massive MIMO Relaying With Pilot-Data Transmission Overlay. IEEE Transactions on Wireless Communications, 2017, 16, 3448-3460.	9.2	11
76	Framework of Channel Estimation for Hybrid Analog-and-Digital Processing Enabled Massive MIMO Communications. IEEE Transactions on Communications, 2018, 66, 3902-3915.	7.8	11
77	A New Time of Arrival Estimation Method Using UWB Dual Pulse Signals. IEEE Transactions on Wireless Communications, 2008, 7, 2057-2062.	9.2	10
78	Limited Feedback-Based Multi-Antenna Relay Broadcast Channels with Block Diagonalization. IEEE Transactions on Wireless Communications, 2013, 12, 4092-4101.	9.2	10
79	Low-Complexity Timing Synchronization for Decode-and-Forward Cooperative Communication Systems With Multiple Relays. IEEE Transactions on Vehicular Technology, 2013, 62, 2865-2871.	6.3	10
80	Hybrid PPM-BPSK for Transmitted Reference Pulse Cluster Systems in UWB and 60-GHz Channels. IEEE Wireless Communications Letters, 2014, 3, 657-660.	5.0	10
81	Design and Analysis of Passband Transmitted Reference Pulse Cluster UWB Systems in the Presence of Phase Noise. IEEE Access, 2018, 6, 14954-14965.	4.2	10
82	Spatial Group Based Optimal Uplink Power Control for Random Access in Satellite Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 7354-7365.	6.3	10
83	Modeling, validation and performance evaluation of body shadowing effect in ultra-wideband networks. Physical Communication, 2009, 2, 237-247.	2.1	9
84	Adaptive Power Allocation for Bidirectional Amplify-and-Forward Multiple-Relay Multiple-User Networks. , 2010, , .		9
85	Downlink multiple access schemes for transmitted reference pulse cluster UWB systems. International Journal of Communication Systems, 2011, 24, 732-744.	2.5	9
86	Reconfigurable Feedback Shift Register Based Stream Cipher for Wireless Sensor Networks. IEEE Wireless Communications Letters, 2013, 2, 559-562.	5.0	9
87	Dual-Polarized Massive MIMO Systems Under Multi-Cell Pilot Contamination. IEEE Access, 2016, 4, 5998-6013.	4.2	9
88	Detecting Noisy ECG QRS Complexes Using WaveletCNN Autoencoder and ConvLSTM. IEEE Access, 2020, 8, 143802-143817.	4.2	9
89	Joint Time and Power Allocation for 5G NR Unlicensed Systems. IEEE Transactions on Wireless Communications, 2021, 20, 6195-6209.	9.2	9
90	Bi-Directional Cooperative Relays for Transmitted Reference Pulse Cluster UWB Systems. , 2010, , .		8

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91	Optimal Irregular Repetition Slotted ALOHA Under Total Transmit Power Constraint in IoT-Oriented Satellite Networks. IEEE Internet of Things Journal, 2020, 7, 10465-10474.	8.7	8
92	Error Performance of Selection Combining and Switched Combining Systems in Rayleigh Fading Channels With Imperfect Channel Estimation. IEEE Transactions on Vehicular Technology, 2005, 54, 2054-2065.	6.3	7
93	Design and Analysis of Timing Synchronization in Block Transmission UWB Systems. IEEE Transactions on Communications, 2011, 59, 1686-1696.	7.8	7
94	Enhanced Multi-mode Transmission by User Scheduling in MISO Broadcast Channels with Finite-Rate Feedback. Wireless Personal Communications, 2012, 65, 103-123.	2.7	7
95	Bidirectional Cooperative Relay Strategies for Transmitted Reference Pulse Cluster UWB Systems. IEEE Transactions on Vehicular Technology, 2015, 64, 4512-4524.	6.3	7
96	26/40 GHz CMOS VCOs design of radio front-end for 5G mobile devices. , 2016, , .		7
97	Ultra-wideband transmitter design based on a new transmitted reference pulse cluster. ICT Express, 2017, 3, 142-147.	4.8	7
98	Localization algorithms for asynchronous time difference of arrival positioning systems. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, 64.	2.4	7
99	LSTM for SCADA Intrusion Detection. , 2019, , .		7
100	Semi-Sequential Probabilistic Model for Indoor Localization Enhancement. IEEE Sensors Journal, 2020, 20, 6160-6169.	4.7	7
101	Low Complexity MIMO Channel Prediction for Fast Time-Variant Vehicular Communications Channels Based on Discrete Prolate Spheroidal Sequences. IEEE Access, 2021, 9, 23398-23408.	4.2	7
102	Spatial-Reuse-Based Efficient Coexistence for Cellular and WiFi Systems in the Unlicensed Band. IEEE Internet of Things Journal, 2022, 9, 1885-1898.	8.7	7
103	Robust relay design for two-way multi-antenna relay systems with imperfect CSI. Journal of Communications and Networks, 2014, 16, 45-55.	2.6	6
104	RF-chain constrained multi-pair massive MIMO relaying using hybrid precoding and detection. , 2016, , .		6
105	Resource Allocation Strategy for Multi-user Cognitive Radio Systems: Location-Aware Spectrum Access. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	6
106	Asymptotic Performance of Threshold-Based Generalized Selection Combining. IEEE Transactions on Vehicular Technology, 2009, 58, 2579-2585.	6.3	5
107	MMSE Relaying Design for Multi-Antenna Two-Hop Downlinks with Finite-Rate Feedback. , 2010, , .		5
108	Near Optimal Channel Estimation for OFDM in Fast Fading Channels. , 2010, , .		5

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109	Physical-layer network coding aided bi-directional cooperative relays for transmitted reference pulse cluster UWB systems. , 2014, , .		5
110	Digital weighted autocorrelation receiver using channel characteristic sequences for transmitted reference UWB communication systems. , 2016, , .		5
111	ADMM Enabled Hybrid Precoding in Wideband Distributed Phased Arrays Based MIMO Systems. , 2019, , .		5
112	SurfCNN: A Descriptor Accelerated Convolutional Neural Network for Image-Based Indoor Localization. IEEE Access, 2020, 8, 59750-59759.	4.2	5
113	A novel normalized threshold generalized selection scheme and its performance evaluation. , 0, , .		4
114	On the design of sinc interpolator for pilot symbol assisted modulation systems. IEEE Transactions on Wireless Communications, 2006, 5, 2578-2585.	9.2	4
115	Adaptive Threshold for TR Pulse Cluster Systems. , 2007, , .		4
116	Phase Noise Analysis in Passband Transmitted Reference Pulse Cluster UWB Communications. , 2014, , .		4
117	A statistical model for the MIMO channel with rough reflection surfaces in the THz band. Nano Communication Networks, 2016, 8, 25-34.	2.9	4
118	Optimal User Pairing and Power Allocation in 5G Satellite Random Access Networks. IEEE Transactions on Wireless Communications, 2022, 21, 4085-4097.	9.2	4
119	Performance of A New Transmitted Reference Pulse Cluster System for UWB Communications. , 2007, , .		3
120	Multicanonical Simulation of Communication Systems. , 2007, , .		3
121	Link Budget Analysis and Throughput Measurement for Multi-Antennas WiMedia UWB Systems. , 2009, , .		3
122	A multiple access scheme based on multi-dimensional compressed sensing. , 2012, , .		3
123	Distributed Power Allocation in Two-Hop Interference Channels: An Implicit-Based Approach. IEEE Transactions on Wireless Communications, 2012, 11, 1911-1921.	9.2	3
124	Reduced rank MIMO-OFDM channel estimation for high speed railway communication using 4D GDPS sequences. ICT Express, 2017, 3, 164-170.	4.8	3
125	Gramâ€"Schmidt orthogonalisation aided hybrid precoding in millimetreâ€wave massive MIMO systems. IET Communications, 2020, 14, 387-396.	2.2	3
126	Maximum likelihood receivers for DAPSK signaling. Journal of Communications and Networks, 2006, 8, 205-211.	2.6	2

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127	Multiple Access Transmitted Reference Pulse Cluster System for UWB Communications. , 2007, , .		2
128	Performance of coded transmitted reference pulse cluster UWB systems. , 2008, , .		2
129	N Plus Normalized Threshold Opportunistic Relay Selection with Outdated Channel State Information. , 2011, , .		2
130	Optimal Timing at the Relay in OFDM Based Two Way Relay Systems. Wireless Personal Communications, 2014, 75, 1199-1213.	2.7	2
131	Design and analysis of two K-band CMOS VCOs for next generation wireless systems. , 2015, , .		2
132	Quantized Hybrid Precoding for Massive Multiuser MIMO with Insertion Loss. , 2017, , .		2
133	SurfCNN: A descriptor enhanced convolutional neural network. , 2019, , .		2
134	Transceiver design for multiple‐input multiple‐output full‐duplex amplify‐and‐forward relay communication systems. IET Communications, 2019, 13, 66-73.	2.2	2
135	Cluster-Based Cooperative Cache Deployment and Coded Delivery Strategy in C-V2X Networks. Wireless Communications and Mobile Computing, 2021, 2021, 1-19.	1.2	2
136	Meteorologically Introduced Impacts on Aerial Channels and UAV Communications. , 2020, , .		2
137	Tree-Coding-Aided Adaptive-Cross-Entropy Algorithm for Hybrid Precoding With Low-Resolution Analog Phase Shifters. IEEE Transactions on Vehicular Technology, 2022, 71, 6807-6812.	6.3	2
138	Performance of SC-FDE system in UWB communications with imperfect channel estimation. Journal of Communications and Networks, 2007, 9, 466-472.	2.6	1
139	Integration Interval Determination in Transmitted Reference Pulse Cluster Systems for UWB Communications. , 2008, , .		1
140	Multiresolution wavelet denoising for ultra-wideband time-of-arrival estimation with regularized least squares. Physical Communication, 2009, 2, 285-295.	2.1	1
141	Time domain spreading and frequency domain maximal ratio combining reception for frequency diversity enhancement in single carrier UWB communication systems. Canadian Journal of Electrical and Computer Engineering, 2009, 34, 178-184.	2.0	1
142	Limited feedback design for MIMO-relay assisted cellular networks with beamforming. , 2010, , .		1
143	Coalition-Assisted Resource Allocation for Large-Scale Cooperative Networks. , 2011, , .		1
144	Opportunistic Relaying in Wireless Ad Hoc Networks With Controllable Delay†Throughput Tradeoffs. IEEE Transactions on Vehicular Technology, 2014, 63, 3900-3916.	6.3	1

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145	Downlink Performance and User Scheduling of HetNet with Large-Scale Antenna Arrays. , 2015, , .		1
146	A novel block-shifted pilot design for multipair massive MIMO relaying. , 2016, , .		1
147	Downlink Performance of Pilot-Reused HetNet With Large-Scale Antenna Arrays. IEEE Transactions on Communications, 2017, 65, 2608-2624.	7.8	1
148	Guest Editorial Special Issue on â€œTHz Communications and Networkingâ€• IEEE Journal on Selected Areas in Communications, 2021, 39, 1499-1505.	14.0	1
149	Generalizable Sequential Camera Pose Learning Using Surf Enhanced 3D CNN. , 2020, , .		1
150	Linear-PoseNet: A Real-Time Camera Pose Estimation System Using Linear Regression and Principal Component Analysis. , 2020, , .		1
151	SURF-LSTM: A Descriptor Enhanced Recurrent Neural Network For Indoor Localization. , 2020, , .		1
152	Joint NOMA Clustering and Power Allocation in IoRT-Oriented Satellite Terrestrial Relay Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 11078-11088.	6.3	1
153	Exact performance analysis of GSC with normalized threshold test per branch. , 0, , .		0
154	Achieving Diversity-Multiplexing Tradeoff in Finite-Rate Feedback Multi-Antenna Systems with User Selection. , 2010, , .		0
155	A flexible backhaul architecture for small cell networks. , 2014, , .		0
156	A flexible backhaul architecture for LTE-Advanced. , 2014, , .		0
157	Downlink Performance and User Scheduling of HetNet with Large-Scale Antenna Arrays. , 2014, , .		0
158	Precoding for MIMO Full-Duplex Amplify-and-Forward Relay Communication Systems. , 2018, , .		0
159	Study of Distributed Phased Array Antenna Array Spacing for 5G User Equipment. , 2019, , .		0