

Xiaodai Dong

List of Publications by Year in descending order

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159
papers

4,432
citations

126907

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118850

62
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159
all docs

159
docs citations

159
times ranked

3710
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Optimal User Pairing and Power Allocation in 5G Satellite Random Access Networks. IEEE Transactions on Wireless Communications, 2022, 21, 4085-4097.	9.2	4
3	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
4	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
5	Omni SCADA Intrusion Detection Using Deep Learning Algorithms. IEEE Internet of Things Journal, 2021, 8, 951-961.	8.7	45
6	Machine Learning-Based Hybrid Precoding With Low-Resolution Analog Phase Shifters. IEEE Communications Letters, 2021, 25, 186-190.	4.1	14
7	QoS-Compliant 3-D Deployment Optimization Strategy for UAV Base Stations. IEEE Systems Journal, 2021, 15, 1795-1803.	4.6	36
8	Interference Cancellation Aided Hybrid Beamforming for mmWave Multi-User Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 2322-2336.	6.3	15
9	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
10	Guest Editorial Special Issue on "6G THz Communications and Networking". IEEE Journal on Selected Areas in Communications, 2021, 39, 1499-1505.	14.0	1
11	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
12	Joint Time and Power Allocation for 5G NR Unlicensed Systems. IEEE Transactions on Wireless Communications, 2021, 20, 6195-6209.	9.2	9
13	Universal activation function for machine learning. Scientific Reports, 2021, 11, 18757.	3.3	29
14	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
15	Cellular Communications in Ocean Waves for Maritime Internet of Things. IEEE Internet of Things Journal, 2020, 7, 9965-9979.	8.7	64
16	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
17	Hybrid beamforming design for mmWave OFDM distributed antenna systems. Science China Information Sciences, 2020, 63, 1.	4.3	12
18	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

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19	Detecting Noisy ECG QRS Complexes Using WaveletCNN Autoencoder and ConvLSTM. IEEE Access, 2020, 8, 143802-143817.	4.2	9
20	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
21	SurfCNN: A Descriptor Accelerated Convolutional Neural Network for Image-Based Indoor Localization. IEEE Access, 2020, 8, 59750-59759.	4.2	5
22	Semi-Sequential Probabilistic Model for Indoor Localization Enhancement. IEEE Sensors Journal, 2020, 20, 6160-6169.	4.7	7
23	Gram-Schmidt orthogonalisation aided hybrid precoding in millimetre-wave massive MIMO systems. IET Communications, 2020, 14, 387-396.	2.2	3
24	Multicell Edge Coverage Enhancement Using Mobile UAV-Relay. IEEE Internet of Things Journal, 2020, 7, 7482-7494.	8.7	23
25	Meteorologically Introduced Impacts on Aerial Channels and UAV Communications. , 2020, , .		2
26	Generalizable Sequential Camera Pose Learning Using Surf Enhanced 3D CNN. , 2020, , .		1
27	Linear-PoseNet: A Real-Time Camera Pose Estimation System Using Linear Regression and Principal Component Analysis. , 2020, , .		1
28	Deep Q-Network Based Dynamic Movement Strategy in a UAV-Assisted Network. , 2020, , .		15
29	SURF-LSTM: A Descriptor Enhanced Recurrent Neural Network For Indoor Localization. , 2020, , .		1
30	An Adaptive and Parameter-Free Recurrent Neural Structure for Wireless Channel Prediction. IEEE Transactions on Communications, 2019, 67, 8086-8096.	7.8	33
31	Enabling Multi-Functional 5G and Beyond User Equipment: A Survey and Tutorial. IEEE Access, 2019, 7, 116975-117008.	4.2	82
32	Recurrent Neural Networks for Accurate RSSI Indoor Localization. IEEE Internet of Things Journal, 2019, 6, 10639-10651.	8.7	237
33	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
34	A Framework on Hybrid MIMO Transceiver Design Based on Matrix-Monotonic Optimization. IEEE Transactions on Signal Processing, 2019, 67, 3531-3546.	5.3	37
35	Study of Distributed Phased Array Antenna Array Spacing for 5G User Equipment. , 2019, , .		0
36	SurfCNN: A descriptor enhanced convolutional neural network. , 2019, , .		2

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37	ADMM Enabled Hybrid Precoding in Wideband Distributed Phased Arrays Based MIMO Systems. , 2019, , .		5
38	LSTM for SCADA Intrusion Detection. , 2019, , .		7
39	Inter-Patient CNN-LSTM for QRS Complex Detection in Noisy ECG Signals. IEEE Access, 2019, 7, 169359-169370.	4.2	30
40	Multi-Beam Multi-Stream Communications for 5G and beyond Mobile User Equipment and UAV Proof of Concept Designs. , 2019, , .		19
41	Transceiver design for multiple-input multiple-output full-duplex amplify-and-forward relay communication systems. IET Communications, 2019, 13, 66-73.	2.2	2
42	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
43	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
44	Precoding for MIMO Full-Duplex Amplify-and-Forward Relay Communication Systems. , 2018, , .		0
45	Cellular and WiFi Co-design for 5G User Equipment. , 2018, , .		29
46	A Soft Range Limited K-Nearest Neighbors Algorithm for Indoor Localization Enhancement. IEEE Sensors Journal, 2018, 18, 10208-10216.	4.7	80
47	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
48	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
49	Multiuser Massive MIMO Relaying With Mixed-ADC Receiver. IEEE Signal Processing Letters, 2017, 24, 76-80.	3.6	36
50	Downlink Performance of Pilot-Reused HetNet With Large-Scale Antenna Arrays. IEEE Transactions on Communications, 2017, 65, 2608-2624.	7.8	1
51	High-Accuracy Localization Platform Using Asynchronous Time Difference of Arrival Technology. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1728-1742.	4.7	55
52	Near-Optimal Hybrid Processing for Massive MIMO Systems via Matrix Decomposition. IEEE Transactions on Signal Processing, 2017, 65, 3922-3933.	5.3	128
53	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
54	Multipair Massive MIMO Relaying With Pilot-Data Transmission Overlay. IEEE Transactions on Wireless Communications, 2017, 16, 3448-3460.	9.2	11

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55	5G Cellular User Equipment: From Theory to Practical Hardware Design. IEEE Access, 2017, 5, 13992-14010.	4.2	173
56	Life-Threatening Ventricular Arrhythmia Detection With Personalized Features. IEEE Access, 2017, 5, 14195-14203.	4.2	35
57	Ultra-wideband transmitter design based on a new transmitted reference pulse cluster. ICT Express, 2017, 3, 142-147.	4.8	7
58	Localization algorithms for asynchronous time difference of arrival positioning systems. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, 64.	2.4	7
59	Reduced rank MIMO-OFDM channel estimation for high speed railway communication using 4D GDPS sequences. ICT Express, 2017, 3, 164-170.	4.8	3
60	Quantized Hybrid Precoding for Massive Multiuser MIMO with Insertion Loss. , 2017, , .		2
61	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
62	A novel block-shifted pilot design for multipair massive MIMO relaying. , 2016, , .		1
63	26/40 GHz CMOS VCOs design of radio front-end for 5G mobile devices. , 2016, , .		7
64	Dual-Polarized Massive MIMO Systems Under Multi-Cell Pilot Contamination. IEEE Access, 2016, 4, 5998-6013.	4.2	9
65	RF-chain constrained multi-pair massive MIMO relaying using hybrid precoding and detection. , 2016, , .		6
66	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
67	Digital weighted autocorrelation receiver using channel characteristic sequences for transmitted reference UWB communication systems. , 2016, , .		5
68	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
69	Asymptotically Optimal Power Allocation for Massive MIMO Wireless Powered Communications. IEEE Wireless Communications Letters, 2016, 5, 100-103.	5.0	25
70	Resource Allocation Strategy for Multi-user Cognitive Radio Systems: Location-Aware Spectrum Access. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	6
71	Hybrid Block Diagonalization for Massive Multiuser MIMO Systems. IEEE Transactions on Communications, 2016, 64, 201-211.	7.8	290
72	Design and analysis of two K-band CMOS VCOs for next generation wireless systems. , 2015, , .		2

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73	Downlink Performance and User Scheduling of HetNet with Large-Scale Antenna Arrays. , 2015, , .		1
74	Energy Harvesting Wireless Communications With Energy Cooperation Between Transmitter and Receiver. IEEE Transactions on Communications, 2015, 63, 1457-1469.	7.8	27
75	Bidirectional Cooperative Relay Strategies for Transmitted Reference Pulse Cluster UWB Systems. IEEE Transactions on Vehicular Technology, 2015, 64, 4512-4524.	6.3	7
76	Phase Noise Analysis in Passband Transmitted Reference Pulse Cluster UWB Communications. , 2014, , .		4
77	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
78	A flexible backhaul architecture for small cell networks. , 2014, , .		0
79	A flexible backhaul architecture for LTE-Advanced. , 2014, , .		0
80	How to approach zero-forcing under RF chain limitations in large mmWave multiuser systems?. , 2014, , .		19
81	Low-Complexity Hybrid Precoding in Massive Multiuser MIMO Systems. IEEE Wireless Communications Letters, 2014, 3, 653-656.	5.0	633
82	Performance of transmitted reference pulse cluster ultra-wideband systems with forward error correction. International Journal of Communication Systems, 2014, 27, 265-276.	2.5	12
83	Optimal Timing at the Relay in OFDM Based Two Way Relay Systems. Wireless Personal Communications, 2014, 75, 1199-1213.	2.7	2
84	Pricing and Revenue Maximization for Battery Charging Services in PHEV Markets. IEEE Transactions on Vehicular Technology, 2014, 63, 1987-1993.	6.3	49
85	Opportunistic Relaying in Wireless Ad Hoc Networks With Controllable Delay Throughput Tradeoffs. IEEE Transactions on Vehicular Technology, 2014, 63, 3900-3916.	6.3	1
86	Physical-layer network coding aided bi-directional cooperative relays for transmitted reference pulse cluster UWB systems. , 2014, , .		5
87	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
88	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
89	Downlink Performance and User Scheduling of HetNet with Large-Scale Antenna Arrays. , 2014, , .		0
90	Reconfigurable Feedback Shift Register Based Stream Cipher for Wireless Sensor Networks. IEEE Wireless Communications Letters, 2013, 2, 559-562.	5.0	9

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91	Limited Feedback-Based Multi-Antenna Relay Broadcast Channels with Block Diagonalization. IEEE Transactions on Wireless Communications, 2013, 12, 4092-4101.	9.2	10
92	Spectral Efficiency of Carbon Nanotube Antenna Based MIMO Systems in the Terahertz Band. IEEE Wireless Communications Letters, 2013, 2, 631-634.	5.0	49
93	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
94	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
95	A multiple access scheme based on multi-dimensional compressed sensing. , 2012, , .		3
96	Optimized One-Way Relaying Strategy With Outdated CSI Quantization for Spatial Multiplexing. IEEE Transactions on Signal Processing, 2012, 60, 4458-4464.	5.3	28
97	Multiple CFO Mitigation in Amplify-and-Forward Cooperative OFDM Transmission. IEEE Transactions on Communications, 2012, 60, 3844-3854.	7.8	23
98	Distributed Power Allocation in Two-Hop Interference Channels: An Implicit-Based Approach. IEEE Transactions on Wireless Communications, 2012, 11, 1911-1921.	9.2	3
99	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
100	Opportunistic Multiple Relay Selection With Outdated Channel State Information. IEEE Transactions on Vehicular Technology, 2012, 61, 1333-1345.	6.3	49
101	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
102	Coalition-Assisted Resource Allocation in Large Amplify-and-Forward Cooperative Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 1863-1873.	6.3	12
103	A Framework for Location-Aware Strategies in Cognitive Radio Systems. IEEE Wireless Communications Letters, 2012, 1, 30-33.	5.0	17
104	Coalition-Assisted Resource Allocation for Large-Scale Cooperative Networks. , 2011, , .		1
105	Near-Optimal Channel Estimation for OFDM in Fast-Fading Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 3780-3791.	6.3	23
106	Joint Precoding Optimization for Multiuser Multi-Antenna Relaying Downlinks Using Quadratic Programming. IEEE Transactions on Communications, 2011, 59, 1228-1235.	7.8	69
107	Design and Analysis of Timing Synchronization in Block Transmission UWB Systems. IEEE Transactions on Communications, 2011, 59, 1686-1696.	7.8	7
108	Downlink multiple access schemes for transmitted reference pulse cluster UWB systems. International Journal of Communication Systems, 2011, 24, 732-744.	2.5	9

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109	N Plus Normalized Threshold Opportunistic Relay Selection with Outdated Channel State Information. , 2011, , .		2
110	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
111	Adaptive Power Allocation for Bidirectional Amplify-and-Forward Multiple-Relay Multiple-User Networks. , 2010, , .		9
112	MMSE Relaying Design for Multi-Antenna Two-Hop Downlinks with Finite-Rate Feedback. , 2010, , .		5
113	Limited feedback design for MIMO-relay assisted cellular networks with beamforming. , 2010, , .		1
114	Bi-Directional Cooperative Relays for Transmitted Reference Pulse Cluster UWB Systems. , 2010, , .		8
115	Near Optimal Channel Estimation for OFDM in Fast Fading Channels. , 2010, , .		5
116	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
117	Achieving Diversity-Multiplexing Tradeoff in Finite-Rate Feedback Multi-Antenna Systems with User Selection. , 2010, , .		0
118	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
119	Modeling, validation and performance evaluation of body shadowing effect in ultra-wideband networks. Physical Communication, 2009, 2, 237-247.	2.1	9
120	Multiresolution wavelet denoising for ultra-wideband time-of-arrival estimation with regularized least squares. Physical Communication, 2009, 2, 285-295.	2.1	1
121	Asymptotic Performance of Threshold-Based Generalized Selection Combining. IEEE Transactions on Vehicular Technology, 2009, 58, 2579-2585.	6.3	5
122	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
123	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
124	Link Budget Analysis and Throughput Measurement for Multi-Antennas WiMedia UWB Systems. , 2009, , .		3
125	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
126	A New Transmitted Reference Pulse Cluster System for UWB Communications. IEEE Transactions on Vehicular Technology, 2008, 57, 3217-3224.	6.3	51

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127	A New Time of Arrival Estimation Method Using UWB Dual Pulse Signals. IEEE Transactions on Wireless Communications, 2008, 7, 2057-2062.	9.2	10
128	Integration Interval Determination in Transmitted Reference Pulse Cluster Systems for UWB Communications. , 2008, , .		1
129	Performance of coded transmitted reference pulse cluster UWB systems. , 2008, , .		2
130	Performance of A New Transmitted Reference Pulse Cluster System for UWB Communications. , 2007, , .		3
131	Spectrum Shaping and NBI Suppression in UWB Communications. IEEE Transactions on Wireless Communications, 2007, 6, 1944-1952.	9.2	29
132	Multiple Access Transmitted Reference Pulse Cluster System for UWB Communications. , 2007, , .		2
133	Performance of SC-FDE system in UWB communications with imperfect channel estimation. Journal of Communications and Networks, 2007, 9, 466-472.	2.6	1
134	Multicanonical Simulation of Communication Systems. , 2007, , .		3
135	Linear Interpolation in Pilot Symbol Assisted Channel Estimation for OFDM. IEEE Transactions on Wireless Communications, 2007, 6, 1910-1920.	9.2	113
136	Adaptive Threshold for TR Pulse Cluster Systems. , 2007, , .		4
137	Unified analysis of generalized selection combining with normalized threshold test per branch. IEEE Transactions on Wireless Communications, 2006, 5, 2153-2163.	9.2	20
138	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
139	Maximum likelihood receivers for DAPSK signaling. Journal of Communications and Networks, 2006, 8, 205-211.	2.6	2
140	Performance analysis of dual pulse transmission in UWB channels. IEEE Communications Letters, 2006, 10, 626-628.	4.1	13
141	Frequency-Domain Channel Estimation for SC-FDE in UWB Communications. IEEE Transactions on Communications, 2006, 54, 2155-2163.	7.8	40
142	On the design of sinc interpolator for pilot symbol assisted modulation systems. IEEE Transactions on Wireless Communications, 2006, 5, 2578-2585.	9.2	4
143	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
144	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

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145	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
146	The exact transition probability and bit error probability of two-dimensional signaling. IEEE Transactions on Wireless Communications, 2005, 4, 2600-2609.	9.2	15
147	Rake-MMSE-equalizer performance for UWB. IEEE Communications Letters, 2005, 9, 502-504.	4.1	29
148	New results on the BER of switched diversity combining over nakagami fading channels. IEEE Communications Letters, 2005, 9, 136-138.	4.1	23
149	Rake-MMSE-equalizer performance for UWB. IEEE Communications Letters, 2005, 9, 502-504.	4.1	33
150	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
151	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
152	Error probabilities of two-dimensional M-ary signaling in fading. IEEE Transactions on Communications, 1999, 47, 352-355.	7.8	68
153	Signaling constellations for fading channels. IEEE Transactions on Communications, 1999, 47, 703-714.	7.8	97
154	Outage probability for lognormal-shadowed Rician channels. IEEE Transactions on Vehicular Technology, 1997, 46, 400-407.	6.3	46
155	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
156	A new UWB dual pulse transmission and detection technique. , 0, , .		17
157	A novel normalized threshold generalized selection scheme and its performance evaluation. , 0, , .		4
158	Exact performance analysis of GSC with normalized threshold test per branch. , 0, , .		0
159	Low-density parity-check convolutional codes for ethernet networks. , 0, , .		12