

Chenyang Yang

List of Publications by Year in descending order

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200
papers

5,266
citations

147566

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200
docs citations

200
times ranked

4204
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning Power Allocation for Multi-Cell-Multi-User Systems With Heterogeneous Graph Neural Networks. IEEE Transactions on Wireless Communications, 2022, 21, 884-897.	6.1	31
2	Improving Learning Efficiency for Wireless Resource Allocation with Symmetric Prior. IEEE Wireless Communications, 2022, 29, 162-168.	6.6	4
3	FoV Privacy-aware VR Streaming. , 2022, , .		0
4	Dual Connectivity-Aided Proactive Handover and Resource Reservation for Mobile Users. IEEE Access, 2021, 9, 36100-36113.	2.6	14
5	Multicell Power Control Under Rate Constraints With Deep Learning. IEEE Transactions on Wireless Communications, 2021, 20, 7813-7825.	6.1	8
6	Data-Supported Caching Policy Optimization for Wireless D2D Caching Networks. IEEE Transactions on Communications, 2021, , 1-1.	4.9	2
7	A Tutorial on Ultrareliable and Low-Latency Communications in 6G: Integrating Domain Knowledge Into Deep Learning. Proceedings of the IEEE, 2021, 109, 204-246.	16.4	182
8	Prediction, Communication, and Computing Duration Optimization for VR Video Streaming. IEEE Transactions on Communications, 2021, 69, 1947-1959.	4.9	26
9	User Scheduling for Uplink OFDMA Systems by Deep Learning. , 2021, , .		2
10	Duration-Squeezing-Aware Communication and Computing for Proactive VR. , 2021, , .		0
11	Resource Allocation in URLLC with Online Learning for Mobile Users. , 2021, , .		4
12	Deep Reinforcement Learning Aided Packet-Routing for Aeronautical Ad-Hoc Networks Formed by Passenger Planes. IEEE Transactions on Vehicular Technology, 2021, 70, 5166-5171.	3.9	16
13	Accelerating Deep Reinforcement Learning With the Aid of Partial Model: Energy-Efficient Predictive Video Streaming. IEEE Transactions on Wireless Communications, 2021, 20, 3734-3748.	6.1	7
14	Learning Fairly With Class-Imbalanced Data for Interference Coordination. IEEE Transactions on Vehicular Technology, 2021, 70, 7176-7181.	3.9	1
15	Proactive Edge Caching for Video on Demand With Quality Adaptation. IEEE Transactions on Wireless Communications, 2020, 19, 218-234.	6.1	9
16	Deep Learning for Ultra-Reliable and Low-Latency Communications in 6G Networks. IEEE Network, 2020, 34, 219-225.	4.9	80
17	Impact of Prediction Errors on High Throughput Predictive Resource Allocation. IEEE Transactions on Vehicular Technology, 2020, 69, 9984-9999.	3.9	5
18	Matching Prediction to Communication and Computing for Proactive VR Video Streaming. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Optimizing Caching Policy and Bandwidth Allocation Towards User Fairness. , 2020, , .		0
20	Rethinking the Gain of Multicasting and Proactive Caching for VoD Service. IEEE Wireless Communications, 2020, 27, 133-139.	6.6	7
21	Optimizing Wireless Systems Using Unsupervised and Reinforced-Unsupervised Deep Learning. IEEE Network, 2020, 34, 270-277.	4.9	37
22	Popularity Prediction with Federated Learning for Proactive Caching at Wireless Edge. , 2020, , .		21
23	Energy Efficient Resource Allocation for Hybrid Services With Future Channel Gains. IEEE Transactions on Green Communications and Networking, 2020, 4, 165-179.	3.5	9
24	Proactive Caching and Bandwidth Allocation in Heterogenous Networks by Learning From Historical Numbers of Requests. IEEE Transactions on Communications, 2020, 68, 4394-4410.	4.9	11
25	Structure of Deep Neural Networks with a Priori Information in Wireless Tasks. , 2020, , .		7
26	Learning Personalized Codebook for TDD Non-Antenna Switching System. , 2020, , .		0
27	A Deep Reinforcement Learning Approach to Proactive Content Pushing and Recommendation for Mobile Users. IEEE Access, 2019, 7, 83120-83136.	2.6	30
28	Learning a Hybrid Proactive and Reactive Caching Policy in Wireless Edge Under Dynamic Popularity. IEEE Access, 2019, 7, 120788-120801.	2.6	14
29	Ultra-Reliable and Low-Latency Communications in Unmanned Aerial Vehicle Communication Systems. IEEE Transactions on Communications, 2019, 67, 3768-3781.	4.9	96
30	Temporal-Spatial Recommendation for Caching at Base Stations via Deep Reinforcement Learning. IEEE Access, 2019, 7, 58519-58532.	2.6	14
31	Learning to Optimize with Unsupervised Learning: Training Deep Neural Networks for URLLC. , 2019, , .		27
32	Tile-based Proactive Virtual Reality Streaming via Online Hierarchical Learning. , 2019, , .		5
33	Predictive Resource Allocation with Interference Coordination by Deep Learning. , 2019, , .		5
34	Unsupervised Deep Learning for Ultra-Reliable and Low-Latency Communications. , 2019, , .		10
35	Why Simple Models Perform Well in Predicting Popularity for Caching?. , 2019, , .		0
36	Energy-Saving Predictive Video Streaming with Deep Reinforcement Learning. , 2019, , .		2

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37	Model-Free Unsupervised Learning for Optimization Problems with Constraints. , 2019, , .		8
38	Impact of Prediction Uncertainty of Popularity Distribution on Proactive Caching. , 2019, , .		3
39	Caching at Base Stations With Heterogeneous User Demands and Spatial Locality. IEEE Transactions on Communications, 2019, 67, 1554-1569.	4.9	31
40	Optimizing Resource Allocation in the Short Blocklength Regime for Ultra-Reliable and Low-Latency Communications. IEEE Transactions on Wireless Communications, 2019, 18, 402-415.	6.1	148
41	Joint Uplink and Downlink Resource Configuration for Ultra-Reliable and Low-Latency Communications. IEEE Transactions on Communications, 2018, 66, 2266-2280.	4.9	104
42	Cross-Layer Optimization for Ultra-Reliable and Low-Latency Radio Access Networks. IEEE Transactions on Wireless Communications, 2018, 17, 127-141.	6.1	218
43	Hybrid Precoding With Rate and Coverage Constraints for Wideband Massive MIMO Systems. IEEE Transactions on Wireless Communications, 2018, 17, 4634-4647.	6.1	21
44	Interference Coordination and Resource Allocation Planning With Predicted Average Channel Gains for HetNets. IEEE Access, 2018, 6, 60137-60151.	2.6	11
45	Trajectory Prediction with Recurrent Neural Networks for Predictive Resource Allocation. , 2018, , .		17
46	Predictive Resource Allocation with Deep Learning. , 2018, , .		12
47	A Learning-Based Approach to Joint Content Caching and Recommendation at Base Stations. , 2018, , .		33
48	Deep Reinforcement Learning for Resource Management in Network Slicing. IEEE Access, 2018, 6, 74429-74441.	2.6	226
49	Caching Policy for Cache-Enabled D2D Communications by Learning User Preference. IEEE Transactions on Communications, 2018, 66, 6586-6601.	4.9	81
50	Exploiting Future Radio Resources With End-to-End Prediction by Deep Learning. IEEE Access, 2018, 6, 75729-75747.	2.6	14
51	Stochastic Geometry Analysis of Downlink Data Rate Over Fast Fading Channels. IEEE Communications Letters, 2018, 22, 1958-1961.	2.5	1
52	Improving Network Availability of Ultra-Reliable and Low-Latency Communications With Multi-Connectivity. IEEE Transactions on Communications, 2018, 66, 5482-5496.	4.9	56
53	UAV-Assisted Uplink Transmission for Ultra-Reliable and Low-Latency Communications. , 2018, , .		29
54	When Exploiting Individual User Preference Is Beneficial for Caching at Base Stations. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
55	Retransmission Policy with Frequency Hopping for Ultra-Reliable and Low-Latency Communications. , 2018, , .		4
56	Jointly Optimizing User Association and BS Muting for Cache-Enabled Networks With Network-Coded Multicast and Reconstructed Interference Cancelation. IEEE Transactions on Communications, 2018, 66, 5539-5553.	4.9	3
57	High-Throughput Opportunistic Cooperative Device-to-Device Communications With Caching. IEEE Transactions on Vehicular Technology, 2017, 66, 7527-7539.	3.9	38
58	Caching Policy Toward Maximal Success Probability and Area Spectral Efficiency of Cache-Enabled HetNets. IEEE Transactions on Communications, 2017, 65, 2699-2714.	4.9	79
59	Data-driven resource allocation with traffic load prediction. Journal of Communications and Information Networks, 2017, 2, 52-65.	3.5	12
60	Cache-Enabled Device-to-Device Communications: Offloading Gain and Energy Cost. IEEE Transactions on Wireless Communications, 2017, 16, 4519-4536.	6.1	70
61	Radio Resource Management for Ultra-Reliable and Low-Latency Communications. , 2017, 55, 72-78.		243
62	Caching Policy Optimization for Video on Demand. , 2017, , .		0
63	Exploiting Multi-User Diversity for Ultra-Reliable and Low-Latency Communications. , 2017, , .		13
64	The Value of Full-Duplex for Cellular Networks: A Hybrid Duplex-Based Study. IEEE Transactions on Communications, 2017, 65, 5559-5573.	4.9	22
65	Dynamic popularity driven caching optimization at base station. , 2017, , .		2
66	Available Range of Different Transmission Modes for Ultra-Reliable and Low-Latency Communications. , 2017, , .		5
67	On the Average Rate and Power Allocation of Uplink Multi-Antenna NOMA Systems. , 2017, , .		4
68	Caching Policy Optimization for D2D Communications by Learning User Preference. , 2017, , .		36
69	Ensuring the Quality-of-Service of Tactile Internet. , 2016, , .		24
70	Cross-Layer Transmission Design for Tactile Internet. , 2016, , .		29
71	Energy efficient design for tactile internet. , 2016, , .		12
72	Cross-tier interference mitigation in wideband HetNets with full duplex. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
73	Distributed precoding in ultra-dense network with dynamic user access. , 2016, , .		1
74	Semidynamic Green Resource Management in Downlink Heterogeneous Networks by Group Sparse Power Control. IEEE Journal on Selected Areas in Communications, 2016, 34, 1250-1266.	9.7	20
75	Energy Efficiency of Downlink Networks With Caching at Base Stations. IEEE Journal on Selected Areas in Communications, 2016, 34, 907-922.	9.7	166
76	Pilot Decontamination in Wideband Massive MIMO Systems by Exploiting Channel Sparsity. IEEE Transactions on Wireless Communications, 2016, , 1-1.	6.1	44
77	Energy and Spectral Efficient Frequency Reuse of Ultra Dense Networks. IEEE Transactions on Wireless Communications, 2016, , 1-1.	6.1	27
78	Energy Efficiency Scaling Law of Massive MIMO Systems. IEEE Transactions on Communications, 2016, , 1-1.	4.9	25
79	Energy-Saving Pushing Based on Personal Interest and Context Information. , 2016, , .		8
80	Energy Efficiency and Delay in Wireless Systems: Is Their Relation Always a Tradeoff?. IEEE Transactions on Wireless Communications, 2016, 15, 7215-7228.	6.1	19
81	Caching at the wireless edge: design aspects, challenges, and future directions. , 2016, 54, 22-28.		353
82	Energy-Saving Predictive Resource Planning and Allocation. IEEE Transactions on Communications, 2016, 64, 5078-5095.	4.9	27
83	HOSVD-based limited feedback and precoding design for massive MIMO systems. , 2016, , .		1
84	Caching policy optimization for rate adaptive video streaming. , 2016, , .		5
85	Achieving high throughput with predictive resource allocation. , 2016, , .		17
86	Training Resource Allocation for User-Centric Base Station Cooperation Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2729-2735.	3.9	39
87	Semi-dynamic User-Specific Clustering for Downlink Cloud Radio Access Network. IEEE Transactions on Vehicular Technology, 2016, 65, 2063-2077.	3.9	52
88	Context aware energy efficient optimization for video on-demand service over wireless networks. , 2015, , .		10
89	Hybrid precoder for massive MIMO systems with coverage constraint. , 2015, , .		2
90	SINR Estimation in Limited Feedback Coordinated Multipoint Systems. IEEE Transactions on Vehicular Technology, 2015, 64, 2180-2185.	3.9	2

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91	Optimal EE-delay relation in wireless systems. , 2015, , .		1
92	Energy-Efficient Resource Allocation for MIMO-OFDM Systems Serving Random Sources With Statistical QoS Requirement. IEEE Transactions on Communications, 2015, 63, 4125-4141.	4.9	25
93	Wideband hybrid precoder for massive MIMO systems. , 2015, , .		15
94	Full Duplex-Assisted Intercell Interference Cancellation in Heterogeneous Networks. IEEE Transactions on Communications, 2015, 63, 5218-5234.	4.9	22
95	Is Accumulative Information Useful for Designing Energy Efficient Transmission?. IEEE Transactions on Communications, 2015, 63, 401-415.	4.9	2
96	Energy-Efficient Coordinated Beamforming Under Minimal Data Rate Constraint of Each User. IEEE Transactions on Vehicular Technology, 2015, 64, 2387-2397.	3.9	31
97	On Maximum Linearly Achievable Degrees of Freedom Region of 2×2 Interference Network With Arbitrary Antenna Configurations. IEEE Transactions on Signal Processing, 2015, 63, 3770-3782.	3.2	6
98	User-Centric Downlink Cooperative Transmission With Orthogonal Beamforming Based Limited Feedback. IEEE Transactions on Communications, 2015, 63, 2996-3007.	4.9	13
99	Global EE optimization of massive MIMO systems. , 2015, , .		10
100	Feasibility Conditions for Interference Neutralization in Relay-Aided Interference Channel. IEEE Transactions on Signal Processing, 2014, 62, 1408-1423.	3.2	11
101	On the degrees of freedom of asymmetric MIMO interference broadcast channels. , 2014, , .		8
102	Coordinated precoding and proactive interference cancellation in mixed interference scenarios. , 2014, , .		4
103	Decentralized multicell coordinated beamforming with overlapped clusters. , 2014, , .		0
104	Energy-efficient resource allocation of wireless systems with statistical QoS requirement. , 2014, , .		1
105	Energy-efficient Training-assisted Transmission Strategies for Closed-loop MISO Systems. IEEE Transactions on Vehicular Technology, 2014, , 1-1.	3.9	14
106	Full duplex assisted interference suppression for underlay device-to-device communications. , 2014, , .		5
107	On the degrees of freedom of partially-connected symmetrically-configured MIMO interference broadcast channels. , 2014, , .		1
108	Energy efficiency comparison of massive MIMO and small cell network. , 2014, , .		23

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109	Pilot decontamination in massive MIMO systems: Exploiting channel sparsity with pilot assignment. , 2014, , .		5
110	Retrieving Channel Reciprocity for Coordinated Multi-Point Transmission with Joint Processing. IEEE Transactions on Communications, 2014, 62, 1541-1553.	4.9	15
111	Energy-Efficient CoMP Precoding in Heterogeneous Networks. IEEE Transactions on Signal Processing, 2014, 62, 1005-1017.	3.2	75
112	Energy Efficient Downlink Cooperative Transmission With BS and Antenna Switching off. IEEE Transactions on Wireless Communications, 2014, 13, 5183-5195.	6.1	28
113	On the Feasibility of Linear Interference Alignment for MIMO Interference Broadcast Channels With Constant Coefficients. IEEE Transactions on Signal Processing, 2013, 61, 2178-2191.	3.2	76
114	On channel quantization for multi-cell cooperative systems with limited feedback. Science China Information Sciences, 2013, 56, 1-16.	2.7	0
115	Energy Efficient OFDM Relay Systems. IEEE Transactions on Communications, 2013, 61, 1797-1809.	4.9	52
116	Adaptive Channel Feedback for Coordinated Beamforming in Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2013, 12, 3980-3994.	6.1	30
117	Traffic-aware base station doze in cooperative multicell systems. , 2013, , .		1
118	Macro-Pico Amplitude-Space Sharing with Optimized Han-Kobayashi Coding. IEEE Transactions on Communications, 2013, 61, 4404-4415.	4.9	14
119	Coordinated Multi-Point Transmission Strategies for TDD Systems with Non-Ideal Channel Reciprocity. IEEE Transactions on Communications, 2013, 61, 4256-4270.	4.9	20
120	Transmission Mode Selection for Downlink Coordinated Multipoint Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 465-471.	3.9	33
121	How do we design CoMP to achieve its promised potential?. IEEE Wireless Communications, 2013, 20, 67-74.	6.6	80
122	Energy-Efficient Configuration of Spatial and Frequency Resources in MIMO-OFDMA Systems. IEEE Transactions on Communications, 2013, 61, 564-575.	4.9	80
123	The Value of Channel Prediction in CoMP Systems with Large Backhaul Latency. IEEE Transactions on Communications, 2013, 61, 4577-4590.	4.9	21
124	Energy-efficient cooperative downlink transmission with antenna and BS closing. , 2013, , .		1
125	Energy-efficient coordinated beamforming with individual data rate constraints. , 2013, , .		8
126	Multi-carrier ICI coordination in heterogeneous networks based on Han-Kobayashi coding. , 2013, , .		0

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127	Degrees of freedom of general symmetric MIMO interference broadcast channels. , 2013, , .		6
128	Multi-carrier cooperated interference cancelation in heterogeneous cellular networks. , 2013, , .		1
129	User Scheduling for Cooperative Base Station Transmission Exploiting Channel Asymmetry. IEEE Transactions on Communications, 2013, 61, 1426-1435.	4.9	6
130	Energy-efficient cooperative transmission in heterogeneous networks. , 2013, , .		5
131	Low complexity channel estimation in TDD coordinated multi-point transmission systems. , 2013, , .		0
132	Energy-efficient configuration of spatial and frequency resources in MIMO-OFDMA systems. , 2012, , .		4
133	Cooperative downlink transmission mode selection under limited-capacity backhaul. , 2012, , .		9
134	Hybrid cooperative transmission in heterogeneous networks. , 2012, , .		6
135	Interference-alignment-embedded iterative beamforming design for multi-cell MIMO broadcasting. , 2012, , .		0
136	Throughput and Optimal Threshold for FFR Schemes in OFDMA Cellular Networks. IEEE Transactions on Wireless Communications, 2012, , 1-10.	6.1	50
137	Bit Allocation Between Per-Cell Codebook and Phase Ambiguity Quantization for Limited Feedback Coordinated Multi-Point Transmission Systems. IEEE Transactions on Communications, 2012, 60, 2546-2559.	4.9	20
138	Interference alignment transceiver design for MIMO interference broadcast channels. , 2012, , .		18
139	Energy-Efficient Power Allocation for Pilots in Training-Based Downlink OFDMA Systems. IEEE Transactions on Communications, 2012, 60, 3047-3058.	4.9	25
140	Transceiver Design for Multi-User Multi-Antenna Two-Way Relay Cellular Systems. IEEE Transactions on Communications, 2012, 60, 2893-2903.	4.9	25
141	Spectral Efficiency Comparison Between MC-CDMA Two-Hop Relay Systems With Different Channel Information. IEEE Transactions on Vehicular Technology, 2012, 61, 3603-3614.	3.9	4
142	Asymmetric Two-Way Relay with Doubly Nested Lattice Codes. IEEE Transactions on Wireless Communications, 2012, 11, 694-702.	6.1	16
143	Equivalent Signal-Alignment-Based Frequency-Domain Equalization for MC-CDMA Two-Way Relay Systems. IEEE Transactions on Vehicular Technology, 2012, 61, 237-248.	3.9	12
144	Codebook Design and Selection for Multi-Cell Cooperative Transmission Limited Feedback Systems. , 2011, , .		18

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145	Signal Alignment for Multicarrier Code Division Multiple User Two-Way Relay Systems. IEEE Transactions on Wireless Communications, 2011, 10, 3700-3710.	6.1	10
146	Quantization based on per-cell codebook in cooperative multi-cell systems. , 2011, , .		28
147	A Cooperative Three-Time-Slot Transmission in Asymmetric Two-Way Relay Channels. , 2011, , .		0
148	Power and Channel Allocation for Cooperative Relay in Cognitive Radio Networks. IEEE Journal on Selected Topics in Signal Processing, 2011, 5, 151-159.	7.3	113
149	User-Specified Training Symbol Placement for Channel Prediction in TDD MIMO Systems. IEEE Transactions on Vehicular Technology, 2011, 60, 2837-2843.	3.9	4
150	How much feedback overhead is required for base station cooperative transmission to outperform non-cooperative transmission?. , 2011, , .		15
151	Energy-Efficient MIMO-OFDMA Systems Based on Switching off RF Chains. , 2011, , .		15
152	Energy-Efficient Power Allocation between Pilots and Data Symbols in Downlink OFDMA Systems. , 2011, , .		2
153	Phase Ambiguity Quantization for Per-Cell Codebook Based Limited Feedback Coordinated Multi-Point Transmission Systems. , 2011, , .		7
154	Impact of Channel Asymmetry on Base Station Cooperative Transmission with Limited Feedback. , 2011, , .		0
155	Cell-grouping based distributed beamforming and scheduling for multi-cell cooperative transmission. , 2011, , .		6
156	Semi-Dynamic Mode Selection in Base Station Cooperative Transmission System. , 2011, , .		9
157	Downlink multicell cooperative transmission with imperfect CSI sharing. , 2011, , .		2
158	Optimal Threshold Design for FFR Schemes in Multi-Cell OFDMA Networks. , 2011, , .		14
159	Necessity of Phase Ambiguity Quantization for Limited Feedback Coordinated Multi-Point Transmission. , 2011, , .		6
160	Joint Transmitterâ€“Receiver Frequency-Domain Equalization in Generalized Multicarrier Code-Division Multiplexing Systems. IEEE Transactions on Vehicular Technology, 2010, 59, 3786-3797.	3.9	5
161	A precoder for reducing downlink interference from femtocells to macro users based on cognitive radio. , 2010, , .		0
162	Estimation Feedback and Bandwidth Allocation with the Type-Based Multiple-Access in Wireless Sensor Networks. , 2010, , .		1

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163	Spectral-Efficiency of TDD Multiuser Two-Hop MC-CDMA Systems Employing Egocentric-Altruistic Relay Optimization. , 2010, , .		3
164	Type-based multiple-access with bandwidth extension for the decentralized estimation in wireless sensor networks. , 2010, , .		2
165	Cooperative spectrum sensing with realistic reporting channel. , 2010, , .		2
166	A low-complexity subcarrier-power allocation scheme for frequency-division multiple-access systems. IEEE Transactions on Wireless Communications, 2010, 9, 1564-1570.	6.1	40
167	Adaptive interference alignment for femtocell networks. , 2010, , .		8
168	Secondary Transceiver Design in the Presence of Frequency Offset between Primary and Secondary Systems. IEEE Transactions on Wireless Communications, 2010, 9, 3461-3471.	6.1	3
169	Optimal transmission codebook design in fading channels for the decentralized estimation in wireless sensor networks. , 2009, , .		2
170	OFDM and Its Wireless Applications: A Survey. IEEE Transactions on Vehicular Technology, 2009, 58, 1673-1694.	3.9	738
171	Spatial spectrum holes for cognitive radio with relay-assisted directional transmission. IEEE Transactions on Wireless Communications, 2009, 8, 5270-5279.	6.1	50
172	Proactive detection of spectrum opportunities in primary systems with power control. IEEE Transactions on Wireless Communications, 2009, 8, 4815-4823.	6.1	41
173	Joint Transmitter-Receiver Frequency-Domain Equalization in Multicarrier Code-Division Multiplexing Systems. , 2009, , .		1
174	Space-time focusing transmission in ultra-wideband cooperative relay networks. , 2009, , .		0
175	Noncoherent Multiple-Symbol Detection in Coded Ultra-wideband Communications. IEEE Transactions on Wireless Communications, 2008, 7, 2202-2211.	6.1	10
176	Performance analysis of spatial precoding in adaptive cellular systems. , 2008, , .		0
177	Low Complexity Scheduling for Downlink Multiuser MIMO Systems in Correlated Channels. , 2008, , .		1
178	Distributed estimation in wireless sensor networks with imperfect channel estimation. , 2008, , .		1
179	Linear precoder with incomplete Channel State Information in MIMO-CDMA systems. , 2008, , .		0
180	Low-Complexity Equalization by Iterative Interference Cancellation for UWB Communications. IEEE Signal Processing Letters, 2008, 15, 753-756.	2.1	0

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181	A preprocessing algorithm of ultra-wideband signal for space-time focusing transmission. , 2008, , .		2
182	A Fast UWB Timing Acquisition Scheme with Robustness to Multiple Access Interference. , 2007, , .		0
183	Optimal and Suboptimal Decentralized Estimation Underlying Fading Channels in WSNs. , 2007, , .		6
184	Performance Analysis of MRT and Transmit Antenna Selection with Feedback Delay and Channel Estimation Error. , 2007, , .		14
185	Frequency-Time Block Code for frequency diversity in UWB-OFDM systems. Journal of Electronics, 2006, 23, 481-484.	0.2	1
186	Reduced-order Multiuser Detection in Multi-rate DS-UWB Communications. , 2006, , .		3
187	DFT-Based Channel Estimation Performance Analysis and a Robust Estimation Algorithm in MIMO OFDM Systems with Virtual Carriers. , 2006, , .		2
188	Decentralized Estimation Methods for Wireless Sensor Networks with Known Channel State Information. , 2006, , .		4
189	Energy Efficiency of Cooperative Diversity at PHY Layer in Wireless Sensor Networks. , 2006, , .		3
190	Throughput Analysis of Peer-to-Peer UWB Asynchronous CDMA Networks. , 2006, , .		0
191	Performance Analysis of Channel Shortening of RAKE Receiver in Ultra-Wideband Systems. , 2006, , .		2
192	Study on efficient computation and performance of AV-based reduced-rank filtering. Journal of Electronics, 2005, 22, 153-160.	0.2	0
193	Space-time block coding with channel state information for transmit diversity. , 0, , .		1
194	A carrierless UWB/OFDM system. , 0, , .		1
195	Multiuser space-time code for OFDM/SDMA systems [WLAN applications]. , 0, , .		2
196	A MAC Protocol Supporting Cooperative Diversity for Distributed Wireless Ad Hoc Networks. , 0, , .		9
197	RRNS Quasi-Chaotic Coding and Its FPGA Implementation. , 0, , .		1
198	Coded Modulation in UWB Communications. , 0, , .		2

#	ARTICLE	IF	CITATIONS
199	MC-TDMA scheme for downlink broadband wireless communications. , 0, , .		1
200	Multi-symbol detection for ultra-wideband PPM communications in multipath environments. , 0, , .		1