Wan Choi

List of Publications by Year
in descending order

199 papers	10,183 citations	201674 27 h-index	34986 98 g-index
200 all docs	200 docs citations	200 times ranked	8273 citing authors

#	Article	IF	Citations
1	MDS Coded Task Offloading in Stochastic Wireless Edge Computing Networks. IEEE Transactions on Wireless Communications, 2022, 21, 2107-2121.	9.2	2
2	Fast and Scalable Distributed Consensus Over Wireless Large-Scale Internet of Things Network. IEEE Internet of Things Journal, 2022, 9, 7916-7930.	8.7	4
3	Private and Fresh Real-Time Status Updating. IEEE Communications Letters, 2022, 26, 239-243.	4.1	1
4	Cooperative Inference of DNNs for Delay- and Memory-Constrained Wireless IoT Systems. IEEE Internet of Things Journal, 2022, 9, 16113-16127.	8.7	4
5	Joint Optimization of Edge Computing Server Deployment and User Offloading Associations in Wireless Edge Network via a Genetic Algorithm. IEEE Transactions on Network Science and Engineering, 2022, 9, 2535-2548.	6.4	8
6	Byzantine Fault Tolerant Distributed Stochastic Gradient Descent Based on Over-the-Air Computation. IEEE Transactions on Communications, 2022, 70, 3204-3219.	7.8	2
7	Joint Design of Shuffling and Function Assignment in Heterogeneous Coded Distributed Computing. IEEE Transactions on Signal Processing, 2022, 70, 2560-2575.	5.3	5
8	Dynamic Sensor Scheduling for Target Tracking in Wireless Sensor Networks With Cost Minimization Objective. IEEE Internet of Things Journal, 2022, 9, 20957-20974.	8.7	1
9	Distributed Matrix Multiplication Based on Frame Quantization for Straggler Mitigation. IEEE Transactions on Signal Processing, 2022, 70, 3058-3073.	5.3	3
10	Communication and Consensus Co-Design for Distributed, Low-Latency, and Reliable Wireless Systems. IEEE Internet of Things Journal, 2021, 8, 129-143.	8.7	19
11	Homeostasis-Inspired Continual Learning: Learning to Control Structural Regularization. IEEE Access, 2021, 9, 9690-9698.	4.2	0
12	Machine Learning-Based Beamforming in K-User MISO Interference Channels. IEEE Access, 2021, 9, 28066-28075.	4.2	9
13	Novel Codebook Design for Channel State Information Quantization in MIMO Rician Fading Channels With Limited Feedback. IEEE Transactions on Signal Processing, 2021, 69, 2858-2872.	5.3	13
14	Coordinated regularized zero-forcing beamforming with channel statistics based adaptive feedback for cooperative massive MIMO networks. ICT Express, 2021, 7, 10-14.	4.8	1
15	Polar-Cap Codebook Design for MISO Rician Fading Channels With Limited Feedback. IEEE Wireless Communications Letters, 2021, 10, 730-734.	5.0	2
16	Wireless Index Coded Transmission by Spatial Multiplexing With Multiple Antennas. IEEE Transactions on Vehicular Technology, 2021, 70, 5104-5108.	6.3	2
17	Communication-Efficient Private Information Acquisition: Multicasting via Crowding. IEEE Transactions on Vehicular Technology, 2021, 70, 7199-7204.	6.3	3
18	Multi-User Energy Beamforming for Different Energy Requests. IEEE Wireless Communications Letters, 2021, 10, 1687-1691.	5.0	1

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19	Improved Closed-Form Bounds on Interference Distribution and Applications for Tractable Analysis in Cellular Networks. IEEE Transactions on Communications, 2021, 69, 6281-6295.	7.8	0
20	Distributed Matrix Multiplication Using Group Algebra for On-Device Edge Computing. IEEE Signal Processing Letters, 2021, 28, 2097-2101.	3.6	5
21	Fundamental Limits of Private Information Retrieval With Unknown Cache Prefetching. IEEE Transactions on Communications, 2021, 69, 8132-8144.	7.8	1
22	Multi-Stage Precoder Design for Cooperative Massive MIMO Networks with Limited Feedback. , 2021, , .		0
23	Learning-Based Resource Management in Device-to-Device Communications With Energy Harvesting Requirements. IEEE Transactions on Communications, 2020, 68, 402-413.	7.8	19
24	Transmitter Current Control and Receiver Coil Selection in Magnetic MIMO Power Transfer Systems. IEEE Wireless Communications Letters, 2020, 9, 1782-1785.	5.0	7
25	When to Realign the Receive Beam in High Mobility V2X Communications?. IEEE Transactions on Vehicular Technology, 2020, 69, 13180-13195.	6.3	5
26	Probabilistic Caching Based on MDS Code in Cooperative Mobile Edge Caching Networks. , 2020, , .		3
27	Optimal Receive Beamwidth for Time Varying Vehicular Channels. , 2020, , .		6
28	Channel Statistics based Adaptive Feedback for Cooperative Massive MIMO Systems. , 2020, , .		1
29	Single Group Multicast Beamformer Design Using Active Constraints. , 2020, , .		0
30	MDS coded caching with MRT and its optimization. ICT Express, 2019, 5, 60-64.	4.8	0
31	Low Latency Random Access for Sporadic MTC Devices in Internet of Things. IEEE Internet of Things Journal, 2019, 6, 5108-5118.	8.7	31
32	Achievable Ergodic Secrecy Rate in Bursty Interference Channels With Opportunistic User Scheduling. IEEE Transactions on Communications, 2019, 67, 7686-7699.	7.8	4
33	Mobility-Aware Content Placement for Device-to-Device Caching Systems. IEEE Transactions on Wireless Communications, 2019, 18, 3658-3668.	9.2	20
34	Machine Learning-Based Dimension Optimization for Two-Stage Precoder in Massive MIMO Systems with Limited Feedback. Applied Sciences (Switzerland), 2019, 9, 2894.	2.5	9
35	Diversity-Multiplexing Tradeoff of the Two-User X-Channel with Two Antennas. , 2019, , .		1
36	On-off Switched Interference Alignment for Diversity Multiplexing Tradeoff Improvement in the 2-User X-Network With Two Antennas. IEEE Transactions on Wireless Communications, 2019, 18, 546-558.	9.2	2

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37	UAV-Empowered Disaster-Resilient Edge Architecture for Delay-Sensitive Communication. IEEE Network, 2019, 33, 124-132.	6.9	65
38	Machine Learning-Based Beamforming in Two-User MISO Interference Channels. , 2019, , .		16
39	Markov Chain Analysis for Compressed Sensing based Random Access in Cellular Systems. , 2019, , .		3
40	Which One Is Better to Cache: Requested Contents or Interfering Contents?. IEEE Wireless Communications Letters, 2019, 8, 861-864.	5.0	2
41	Achievable Rate-Energy Region in Two-Way Decode-and-Forward Energy Harvesting Relay Systems. IEEE Transactions on Communications, 2019, 67, 3923-3935.	7.8	20
42	Maximizing Received Energy in Magnetic Resonance Wireless Power Transfer Using Feedback. IEEE Transactions on Green Communications and Networking, 2019, 3, 565-574.	5.5	1
43	Probabilistic Caching Based on Maximum Distance Separable Code in a User-Centric Clustered Cache-Aided Wireless Network. IEEE Transactions on Wireless Communications, 2019, 18, 1792-1804.	9.2	19
44	User-Cache Aided Transmission With Index Coding in K -User Downlink Channels. IEEE Transactions on Wireless Communications, 2019, 18, 6043-6058.	9.2	6
45	Exploiting Mobility to Content Placement in D2D Caching Systems. , 2019, , .		4
46	Usage of Millimeter-wave and Sub-6GHz Band with Full-duplex Relays in Heterogeneous Networks: An Information-theoretic Analysis. , 2019, , .		0
47	Analysis on User Activity in Compressed Sensing based Random Access. , 2019, , .		0
48	Multicast Transmission for Asynchronous Data Requests. IEEE Transactions on Vehicular Technology, 2018, 67, 3361-3376.	6.3	0
49	Two-stage precoder for massive MIMO systems with limited feedback. , 2018, , .		1
50	MDS-Coded Caching Leveraged by Coordinated Multi-Point Transmission. IEEE Communications Letters, 2018, 22, 1220-1223.	4.1	7
51	Rate-Energy Region in Wireless Information and Power Transfer: New Receiver Architecture and Practical Modulation. IEEE Transactions on Communications, 2018, 66, 2751-2761.	7.8	22
52	Minimum Cache Size and Backhaul Capacity for Cache-Enabled Small Cell Networks. IEEE Wireless Communications Letters, 2018, 7, 490-493.	5.0	16
53	Consensus-Before-Talk: Distributed Dynamic Spectrum Access via Distributed Spectrum Ledger Technology. , 2018, , .		16
54	Dimension-optimized Two-Stage Precoder Design for Massive Mimo Systems with Limited Feedback. , 2018, , .		5

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55	Special issue on amateur drone and UAV communications and networks. Journal of Communications and Networks, 2018, 20, 429-433.	2.6	8
56	A stochastic approach in private information retrieval. , 2018, , .		2
57	Optimization of index code and transmission time for minimum outage in broadcast channels. , 2018, , .		1
58	Beamforming for Full-Duplex Multiuser MIMO Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 2423-2432.	6.3	26
59	Optimal Content Placement for Wireless Femto-Caching Network. IEEE Transactions on Wireless Communications, 2017, 16, 4433-4444.	9.2	36
60	The Degrees of Freedom of the Interference Channel With a Cognitive Relay Under Delayed Feedback. IEEE Transactions on Information Theory, 2017, 63, 5299-5313.	2.4	3
61	Content Placement for Wireless Cooperative Caching Helpers: A Tradeoff Between Cooperative Gain and Content Diversity Gain. IEEE Transactions on Wireless Communications, 2017, 16, 6795-6807.	9.2	49
62	Optimal file storing with cache memory in amorphous femto helper aided networks. , 2017, , .		6
63	The K-User Linear Deterministic Broadcast Channel with Receiver Memory. , 2017, , .		1
64	Cognitive Relay in Interference Channel with Delayed Feedback: Degree of Freedom Region. , 2017, , .		0
65	Gains and limits of diversity techniques in cognitive radio systems. Journal of Communications and Networks, 2017, 19, 97-104.	2.6	0
66	Optimal Power Allocation for Artificial Noise in a Poisson Interference Field. IEEE Communications Letters, 2016, 20, 1671-1674.	4.1	3
67	Opportunistic Wireless Contents Delivery Exploiting Cache Memory at Receivers. , 2016, , .		0
68	Optimal probabilistic caching with wireless caching helpers. , 2016, , .		3
69	Caching Placement in Stochastic Wireless Caching Helper Networks: Channel Selection Diversity via Caching. IEEE Transactions on Wireless Communications, 2016, 15, 6626-6637.	9.2	124
70	Beamforming Design for Full-Duplex Two-Way Amplify-and-Forward MIMO Relay. IEEE Transactions on Wireless Communications, 2016, 15, 6705-6715.	9.2	32
71	Performance enhancement via RAT association control in multi-RAT cellular networks. , 2016, , .		1
72	Secrecy Capacity Scaling by Jamming-Aided Hierarchical Cooperation in Ad Hoc Networks. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1390-1403.	10.8	5

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73	Optimal Storage Allocation for Wireless Cloud Caching Systems With a Limited Sum Storage Capacity. IEEE Transactions on Wireless Communications, 2016, 15, 6010-6021.	9.2	20
74	The Degrees of Freedom Region of the Cognitive Interference Channel With Delayed Channel State Information Feedback. IEEE Transactions on Communications, 2016, 64, 1329-1341.	7.8	3
75	Optimal Access in OFDMA Multi-RAT Cellular Networks With Stochastic Geometry: Can a Single RAT Be Better?. IEEE Transactions on Wireless Communications, 2016, 15, 4778-4789.	9.2	24
76	Joint User Selection and Feedback Bit Allocation Based on Sparsity Constraint in MIMO Virtual Cellular Networks. IEEE Transactions on Wireless Communications, 2016, 15, 2069-2079.	9.2	1
77	User Prefix Caching for Average Playback Delay Reduction in Wireless Video Streaming. IEEE Transactions on Wireless Communications, 2016, 15, 377-388.	9.2	28
78	Cooperative Transmission via Caching Helpers. , 2015, , .		42
79	Asymptotic Sum Rate in Spatially Correlated Two-Cell Channel With User Scheduling. IEEE Transactions on Vehicular Technology, 2015, 64, 1235-1243.	6.3	1
80	Linear Secrecy Capacity Scaling in Dense Networks. , 2015, , .		1
81	Correlation-aware machine selection for M2M data gathering in cellular networks. , 2015, , .		2
82	Optimal rate splitting in the two-user symmetric Gaussian interference channel. , 2015, , .		1
83	Achievable degrees-of-freedom of (n, K)-user interference channel with distributed beamforming. , 2015, , .		1
84	Beamforming for Cooperative Retransmission via User Relaying in Multiple-Antenna Cellular Systems. IEEE Transactions on Wireless Communications, 2015, 14, 854-869.	9.2	2
85	Overcoming Half-Duplex Loss in Multi-Relay Networks: Multiple Relay Coded Cooperation for Optimal DMT. IEEE Transactions on Communications, 2015, 63, 66-78.	7.8	5
86	Unified Codebook Design for Vector Channel Quantization in MIMO Broadcast Channels. IEEE Transactions on Signal Processing, 2015, 63, 2509-2519.	5.3	8
87	Joint Power and Rate Control for Device-to-Device Communications in Cellular Systems. IEEE Transactions on Wireless Communications, 2015, 14, 5750-5762.	9.2	29
88	Optimal caching placement of caching system with helpers. , 2015, , .		45
89	Power Allocation for Decode-and-Forward Relay in Gateway Channels. IEEE Transactions on Communications, 2015, 63, 3170-3182.	7.8	2
90	The Two-User Gaussian Interference Channel With Energy Harvesting Transmitters: Energy Cooperation and Achievable Rate Region. IEEE Transactions on Communications, 2015, 63, 4551-4564.	7.8	11

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91	Sparsity Controlled Random Multiple Access With Compressed Sensing. IEEE Transactions on Wireless Communications, 2015, 14, 998-1010.	9.2	71
92	On the achievable diversity multiplexing tradeoff of K-user interference channels. , 2014, , .		2
93	User Cooperation with Interference Forwarding in a Cellular System. , 2014, , .		0
94	Asymptotic analysis of failed recovery probability in a distributed wireless storage system with limited sum storage capacity. , 2014, , .		11
95	Coverage and Load Balancing in Heterogeneous Cellular Networks with Minimum Cell Separation. IEEE Transactions on Mobile Computing, 2014, 13, 1955-1966.	5.8	22
96	An Efficient Prewhitening Scheme for MIMO Cognitive Radio Systems. IEEE Transactions on Vehicular Technology, 2014, 63, 1934-1939.	6.3	4
97	Characterization of the Pareto Boundary for the Two-User Symmetric Gaussian InterferenceChannel. IEEE Transactions on Communications, 2014, 62, 2812-2824.	7.8	5
98	Enhanced Secrecy in Stochastic Wireless Networks: Artificial Noise With Secrecy Protected Zone. IEEE Transactions on Information Forensics and Security, 2014, 9, 1617-1628.	6.9	91
99	What Will 5G Be?. IEEE Journal on Selected Areas in Communications, 2014, 32, 1065-1082.	14.0	6,564
100	Multiuser Diversity for Secrecy Communications Using Opportunistic Jammer Selection: Secure DoF and Jammer Scaling Law. IEEE Transactions on Signal Processing, 2014, 62, 828-839.	5.3	39
101	Cooperative Transmission via Caching Helpers. , 2014, , .		8
102	On the Achievable Degrees-of-Freedom by Distributed Scheduling in (N,K)-User Interference Channels. IEEE Transactions on Communications, 2013, 61, 2568-2579.	7.8	6
103	Effects of Heterogenous Mobility on Rate Adaptation and User Scheduling in Cellular Networks With HARQ. IEEE Transactions on Vehicular Technology, 2013, 62, 2735-2748.	6.3	6
104	Ergodic Interference Alignment With Delayed Feedback. IEEE Signal Processing Letters, 2013, 20, 511-514.	3.6	23
105	On the Optimal Switching Probability for a Hybrid Cognitive Radio System. IEEE Transactions on Wireless Communications, 2013, 12, 1594-1605.	9.2	28
106	Partial Stream Relaying in MIMO Relay Communications. IEEE Transactions on Vehicular Technology, 2013, 62, 205-218.	6.3	11
107	On the Achievable DoF and User Scaling Law of Opportunistic Interference Alignment in 3-Transmitter MIMO Interference Channels. IEEE Transactions on Wireless Communications, 2013, 12, 2743-2753.	9.2	34
108	Statistically controlled opportunistic resource block sharing for femto cell networks. Journal of Communications and Networks, 2013, 15, 469-475.	2.6	4

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109	Multiuser Diversity in Interfering Broadcast Channels: Achievable Degrees of Freedom and User Scaling Law. IEEE Transactions on Wireless Communications, 2013, 12, 5837-5849.	9.2	11
110	Optimal Feedback Rate Sharing Strategy in Zero-Forcing MIMO Broadcast Channels. IEEE Transactions on Wireless Communications, 2013, 12, 3000-3011.	9.2	17
111	Energy-Efficient Repulsive Cell Activation for Heterogeneous Cellular Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 870-882.	14.0	84
112	A Dynamic Paradigm for Spectrally Efficient Half-Duplex Multi-Antenna Relaying. IEEE Transactions on Wireless Communications, 2013, 12, 4680-4691.	9.2	7
113	Achievable DoF of an Underlay Two-User Gaussian Interference Channel in Heterogeneous Networks. IEEE Transactions on Communications, 2013, 61, 279-290.	7.8	1
114	Achievable degrees-of-freedom by distributed scheduling in an (n, K)-user interference channel. , 2013, , .		0
115	New two-hop multiple relay protocol with H-ARQ in the absence of a direct link. , 2013, , .		2
116	Multi-level Power Loading Using Limited Feedback. IEEE Communications Letters, 2012, 16, 2024-2027.	4.1	6
117	The capacity of a three-user interference channel with a cognitive transmitter in strong interference. , 2012, , .		8
118	Feedback bit allocation in a gateway channel. , 2012, , .		0
119	On the diversity multiplexing tradeoff in a 4-user clustered Z-channel. , 2012, , .		3
120	Interference alignment with rate splitting in a three-user interference channel with a cognitive transmitter. , 2012, , .		1
121	Joint rate adaptation and user scheduling in HARQ-based multi-user systems with heterogeneous mobility. , 2012, , .		2
122	Opportunistic jammer selection for secure degrees of freedom. , 2012, , .		2
123	Bit Concatenation Based User Relaying in MIMO Broadcast Channels. IEEE Transactions on Communications, 2012, 60, 2208-2220.	7.8	4
124	Scale-Free Wireless Networks with Limited Degree Information. IEEE Wireless Communications Letters, 2012, 1, 428-431.	5.0	12
125	On the Cooperative Diversity Gain in Underlay Cognitive Radio Systems. IEEE Transactions on Communications, 2012, 60, 209-219.	7.8	88
126	On the effectiveness of the Gaussian approximation in cognitive radio systems with fading channels. , 2011, , .		1

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127	Opportunistic spectrum sensing in cognitive radio systems. , 2011, , .		0
128	Balanced Linear Precoding in Decode-and-Forward Based MIMO Relay Communications. IEEE Transactions on Wireless Communications, 2011, 10, 2390-2400.	9.2	24
129	User Relaying in a Two-User MIMO Broadcast Channel. , 2011, , .		2
130	Optimal Rate Adaptation for Hybrid ARQ in Time-Correlated Rayleigh Fading Channels. IEEE Transactions on Wireless Communications, 2011, 10, 968-979.	9.2	59
131	Throughput Characteristics by Multiuser Diversity in a Cognitive Radio System. IEEE Transactions on Signal Processing, 2011, 59, 3749-3763.	5.3	26
132	Partial information relaying and relaying in 3GPP LTE. , 2011, , 462-494.		8
133	QoS Provisioning Relay Selection in Random Relay Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 2680-2689.	6.3	47
134	Spatially efficient distributed relay selection for random relay networks. , 2011, , .		0
135	Opportunistic Interference Alignment by Receiver Selection in a K-User 1x3 SIMO Interference Channel. , 2011, , .		0
136	Resource Minimization for Hybrid ARQ System with Real-Time Traffic in Time-Correlated Rayleigh Fading Channels. , 2011, , .		4
137	Interference Alignment by Opportunistic User Selection in 3-User MIMO Interference Channels. , 2011, , .		22
138	Relay Cooperation with Guard Zone to Combat Interference from an Underlaid Network. , 2011, , .		2
139	The Effects of Spatial Correlation on Multiple Antenna Techniques with Multiuser Scheduling. IEICE Transactions on Communications, 2011, E94-B, 591-594.	0.7	1
140	The Capacity of Cognitive Ad-Hoc Networks with Carrier Sensing Errors. , 2011, , .		1
141	Dynamically Reconfigurable Relay Communications With Multiple Radio Access Technologies. IEEE Transactions on Vehicular Technology, 2010, 59, 4608-4614.	6.3	5
142	Partial Information Relaying with Per Antenna Superposition Coding. IEEE Transactions on Communications, 2010, 58, 3423-3427.	7.8	6
143	Opportunistic Interference Aligned User Selection in Multiuser MIMO Interference Channels. , 2010, , .		24
144	Linear Interference Pre-Cancelation in Multiuser Cellular Relay System. , 2010, , .		0

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145	Balanced beamforming for decode-and-forward based MISO relay communications. , 2010, , .		0
146	A Novel Partial Decode-and-Forward Relaying with Multiple Antennas. , 2010, , .		2
147	Adaptive multi-node incremental relaying for hybrid-ARQ in AF relay networks. IEEE Transactions on Wireless Communications, 2010, 9, 505-511.	9.2	31
148	A simple linear multiuser precoding technique in cellular relay networks. IEEE Communications Letters, 2010, 14, 12-14.	4.1	16
149	Performance of Multiuser Transmit Diversity in Spatially Correlated Channels. IEEE Communications Letters, 2010, 14, 824-826.	4.1	6
150	Capacity scaling law by multiuser diversity in cognitive radio systems. , 2010, , .		7
151	Interference Cancelation Based Opportunistic Relaying with Multiple Decode-and-Forward Relays. , 2010, , .		10
152	A Hybrid Cognitive Radio System: A Combination of Underlay and Overlay Approaches. , 2010, , .		59
153	Spectral Efficiency Enhancement Using Multiaccess Scheme in Heterogeneous Network. , 2009, , .		0
154	A cooperative phase steering scheme in multi-relay node environments. IEEE Transactions on Wireless Communications, 2009, 8, 72-77.	9.2	28
155	Feedback capacity sharing in MIMO broadcast channels. , 2009, , .		4
156	Multi-user diversity in a spectrum sharing system. IEEE Transactions on Wireless Communications, 2009, 8, 102-106.	9.2	245
157	Capacity and Energy Efficiency of Multi-User Spectrum Sharing Systems with Opportunistic Scheduling. IEEE Transactions on Wireless Communications, 2009, 8, 2836-2841.	9.2	22
158	An Error Detection Aided GSC/MRC Switching Scheme in AF based Cooperative Communications. , 2009, , .		1
159	Downlink Performance Analysis of Cognitive Radio based Cellular Relay Networks. , 2008, , .		17
160	A Modified Relay Selection Scheme in Opportunistic Relay Communications. , 2008, , .		1
161	A pre-whitening scheme in a MIMO-based spectrum-sharing environment. IEEE Communications Letters, 2008, 12, 831-833.	4.1	24
162	Power Loading Using Order Mapping in OFDM Systems With Limited Feedback. IEEE Signal Processing Letters, 2008, 15, 545-548.	3.6	18

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163	Capacity Analysis of an Opportunistic Scheduling System in a Spectrum Sharing Environment. , 2008, , .		8
164	Effects of Antenna Correlation on Spatial Diversity and Multiuser Diversity. , 2008, , .		9
165	An enhanced multimode power loading algorithm applicable to large dimensional OFDM systems. , 2008, , .		3
166	The capacity gain from intercell scheduling in multi-antenna systems. IEEE Transactions on Wireless Communications, 2008, 7, 714-725.	9.2	100
167	Interference reduction of cellular relay networks in multiple-cell environment by spectrum agility. , 2008, , .		2
168	The Effects of Co-channel Interference on Spatial Diversity Techniques. , 2007, , .		30
169	Interactions Between Multiuser Diversity and Spatial Diversity Techniques in an Interference-Limited Environment. , 2007, , .		6
170	Capacity analysis of simple and opportunistic feedback schemes in OFDMA Systems. , 2007, , .		14
171	Spatial Multiplexing in Cellular MIMO-CDMA Systems with Linear Receivers: Outage Probability and Capacity. IEEE Transactions on Wireless Communications, 2007, 6, 2612-2621.	9.2	36
172	Multiuser Antenna Partitioning for Cellular MIMOâ€“CDMA Systems. IEEE Transactions on Vehicular Technology, 2007, 56, 2448-2456.	6.3	19
173	Overcoming interference in spatial multiplexing MIMO cellular networks. IEEE Wireless Communications, 2007, 14, 95-104.	9.0	302
174	Performance Analysis of Two Relay Selection Schemes for Cooperative Diversity. , 2007, , .		34
175	Orthogonal Impulse Postfix OFDM Transmission for Efficient MIMO Channel Estimation. , 2007, , .		1
176	Improved Performance Analysis for Maximal Ratio Combining in Asynchronous CDMA Channels. IEEE Transactions on Wireless Communications, 2007, 6, 3297-3305.	9.2	11
177	Downlink performance and capacity of distributed antenna systems in a multicell environment. IEEE Transactions on Wireless Communications, 2007, 6, 69-73.	9.2	518
178	Opportunistic Space-Division Multiple Access With Beam Selection. IEEE Transactions on Communications, 2007, 55, 2371-2380.	7.8	107
179	The Capacity Gain from Base Station Cooperative Scheduling in a MIMO DPC Cellular System. , 2006, , .		15
180	Random Waterfilling in a Clustered Multiuser OFDM System. , 2006, , .		0

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181	WLCp1-16: Capacity of Opportunistic Space Division Multiple Access with Beam Selection. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	5
182	Base Station Cooperatively Scheduled Transmission in a Cellular MIMO TDMA System. , 2006, , .		10
183	Antenna partitioning for multiuser MIMO-CDMA. , 2005, , .		0
184	Generalized performance analysis of a delay diversity receiver in asynchronous CDMA channels. IEEE Transactions on Wireless Communications, 2005, 4, 2057-2063.	9.2	2
185	A New Base Station Receiver for Increasing Diversity Order in a CDMA Cellular System. IEEE Transactions on Communications, 2004, 52, 1851-1856.	7.8	4
186	Correction to "Forward-link capacity of a DS/CDMA system with mixed multirate sources". IEEE Transactions on Vehicular Technology, 2002, 51, 1672-1672.	6.3	8
187	Performance of a Multiuser Detector with Multicarrier Transmission for a DS/CDMA System. Wireless Personal Communications, 2002, 22, 71-87.	2.7	2
188	Automatic on-off switching repeater for DS/CDMA reverse link capacity improvement. IEEE Communications Letters, 2001, 5, 138-141.	4.1	16
189	Forward-link capacity of a DS/CDMA system with mixed multirate sources. IEEE Transactions on Vehicular Technology, 2001, 50, 737-749.	6.3	66
190	On the capacity of a DS/CDMA system with automatic on-off switching repeaters. , 0, , .		5
191	Forward link capacity of 3G wideband CDMA system with mixed traffic sources. , 0, , .		1
192	Optimal transmission parameters of hopping pilot beacon for inter-frequency handoff in CDMA mobile cellular networks. , 0, , .		0
193	Multiuser detector combining multicarrier transmission and decorrelating detector in a Rayleigh fading channel. , 0, , .		0
194	Improved bit error probability analysis for maximal ratio combining in asynchronous CDMA channels. , 0, , .		3
195	Outage probability for maximal ratio combining receivers in asynchronous CDMA channels. , 0, , .		2
196	A delay diversity receiver for CDMA cellular systems. , 0, , .		0
197	Capacity of multicellular distributed antenna networks. , 0, , .		15
198	On spatial multiplexing in cellular MIMO-CDMA systems with linear receivers. , 0, , .		6

#	Article	IF	Citations
199	Coordinated multipoint transmission in LTE-Advanced. , 0, , 495-513.		0