

Jeffrey G Andrews

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

184
papers

21,068
citations

53
h-index

144
g-index

199
ext. papers

25,822
ext. citations

7.1
avg, IF

7.48
L-index

#	Paper	IF	Citations
184	Impact of Blocking Correlation on the Performance of mmWave Cellular Networks. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	
183	Sample-Efficient Learning of Cellular Antenna Parameter Settings 2021 ,		1
182	Single Channel Equivalent Point Processes of Poisson Networks with Multiple Channel Laws. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	0
181	DeepWiPHY: Deep Learning-Based Receiver Design and Dataset for IEEE 802.11ax Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 1596-1611	9.6	12
180	Wideband Channel Estimation With a Generative Adversarial Network. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 3049-3060	9.6	11
179	Spatial Concentration of Caching in Wireless Heterogeneous Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 3397-3414	9.6	
178	High Dimensional Channel Estimation Using Deep Generative Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 18-30	14.2	11
177	Deep Learning Predictive Band Switching in Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 96-109	9.6	7
176	. <i>IEEE Transactions on Communications</i> , 2021 , 69, 133-148	6.9	0
175	Machine Learning-Assisted Beam Alignment for mmWave Systems. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 1-1	6.6	5
174	Hybrid Beamforming for Millimeter Wave Full-Duplex under Limited Receive Dynamic Range. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	3
173	Unfolded Hybrid Beamforming with GAN Compressed Ultra-Low Feedback Overhead. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	2
172	Millimeter-Wave Full Duplex Radios: New Challenges and Techniques. <i>IEEE Wireless Communications</i> , 2021 , 28, 36-43	13.4	9
171	A Deep Reinforcement Learning Framework for Contention-Based Spectrum Sharing. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 2526-2540	14.2	5
170	UTMobileNetTraffic2021: A Labeled Public Network Traffic Dataset. <i>IEEE Networking Letters</i> , 2021 , 3, 156-160	2.8	1
169	Coverage in Terahertz Cellular Networks with Imperfect Beam Alignment 2021 ,		2
168	Autoencoder-Based Error Correction Coding for One-Bit Quantization. <i>IEEE Transactions on Communications</i> , 2020 , 68, 3440-3451	6.9	11

167	Massive MIMO Channel Estimation With an Untrained Deep Neural Network. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 2079-2090	9.6	48
166	Compressed Representation of High Dimensional Channels using Deep Generative Networks 2020 ,		6
165	High Rate Communication over One-Bit Quantized Channels via Deep Learning and LDPC Codes 2020 ,		1
164	Escaping the Densification Plateau in Cellular Networks Through mmWave Beamforming. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 1874-1878	5.9	2
163	Learning Link Schedules in Self-Backhauled Millimeter Wave Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 8024-8038	9.6	6
162	Online Antenna Tuning in Heterogeneous Cellular Networks With Deep Reinforcement Learning. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2019 , 5, 1113-1124	6.6	11
161	Experience-Centric Mobile Video Scheduling Through Machine Learning. <i>IEEE Access</i> , 2019 , 7, 113017-113030	3.9	3
160	. <i>IEEE Transactions on Communications</i> , 2019 , 67, 1238-1253	6.9	9
159	Comments on Coverage Analysis of Multiuser Visible Light Communication Networks <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 4605-4606	9.6	3
158	. <i>IEEE Access</i> , 2019 , 7, 60532-60544	3.5	20
157	One-Bit OFDM Receivers via Deep Learning. <i>IEEE Transactions on Communications</i> , 2019 , 67, 4326-4336	6.9	52
156	. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 1236-1248	2.8	26
155	Unified Analysis of HetNets Using Poisson Cluster Processes Under Max-Power Association. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 3797-3812	9.6	23
154	Reinforcement Learning for Self Organization and Power Control of Two-Tier Heterogeneous Networks. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 3933-3947	9.6	38
153	A Novel Deep Reinforcement Learning Algorithm for Online Antenna Tuning 2019 ,		3
152	Stability of Wireless Random Access Systems 2019 ,		1
151	Machine Learning-Assisted Beam Alignment for mmWave Systems 2019 ,		9
150	Learning-based Delay Optimization for Self-Backhauled Millimeter Wave Cellular Networks 2019 ,		2

149	Two-Stage Learning for Uplink Channel Estimation in One-Bit Massive MIMO 2019 ,		8
148	Throughput Maximization for Delay-Sensitive Random Access Communication. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 709-723	9.6	18
147	Joint Downlink/Uplink RF Wake-Up Solution for IoT Over Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 1574-1588	9.6	16
146	Macrodiversity in Cellular Networks With Random Blockages. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 996-1010	9.6	44
145	SINR and Throughput of Dense Cellular Networks With Stretched Exponential Path Loss. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 1147-1160	9.6	48
144	Spatially Correlated Content Caching for Device-to-Device Communications. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 56-70	9.6	37
143	. <i>IEEE Transactions on Communications</i> , 2018 , 66, 4318-4332	6.9	5
142	Modeling Infrastructure Sharing in mmWave Networks With Shared Spectrum Licenses. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2018 , 4, 328-343	6.6	15
141	An Analytical Framework for Modeling a Spatially Repulsive Cellular Network. <i>IEEE Transactions on Communications</i> , 2018 , 66, 862-874	6.9	6
140	Correction Factor for Analysis of MIMO Wireless Networks With Highly Directional Beamforming. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 756-759	5.9	6
139	Inter-Operator Base Station Coordination in Spectrum-Shared Millimeter Wave Cellular Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2018 , 4, 513-528	6.6	17
138	2018 ,		2
137	On the coverage probability of a spatially correlated network 2017 ,		2
136	Performance of Dynamic and Static TDD in Self-Backhauled Millimeter Wave Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 6460-6478	9.6	34
135	. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 6409-6425	9.6	49
134	. <i>IEEE Transactions on Communications</i> , 2016 , 64, 3981-3995	6.9	66
133	Optimizing the spatial content caching distribution for device-to-device communications 2016 ,		14
132	Are we approaching the fundamental limits of wireless network densification? 2016 , 54, 184-190		99

131	Gains of Restricted Secondary Licensing in Millimeter Wave Cellular Systems. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 2935-2950	14.2	27
130	Optimizing Content Caching to Maximize the Density of Successful Receptions in Device-to-Device Networking. <i>IEEE Transactions on Communications</i> , 2016 , 1-1	6.9	70
129	. <i>IEEE Transactions on Communications</i> , 2016 , 1-1	6.9	330
128	A Comparison of MIMO Techniques in Downlink Millimeter Wave Cellular Networks With Hybrid Beamforming. <i>IEEE Transactions on Communications</i> , 2016 , 64, 1952-1967	6.9	64
127	. <i>IEEE Transactions on Communications</i> , 2016 , 64, 1544-1556	6.9	63
126	. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 6310-6326	9.6	80
125	Can operators simply share millimeter wave spectrum licenses? 2016 ,		2
124	Distributed Resource Allocation in Device-to-Device Enhanced Cellular Networks. <i>IEEE Transactions on Communications</i> , 2015 , 63, 441-454	6.9	81
123	. <i>IEEE Transactions on Communications</i> , 2015 , 63, 1881-1894	6.9	217
122	Spectral efficiency of massive MIMO systems with D2D underlay 2015 ,		7
121	. <i>IEEE Transactions on Communications</i> , 2015 , 63, 3405-3422	6.9	56
120	. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 2196-2211	14.2	339
119	Impact of Dual Slope Path Loss on User Association in HetNets 2015 ,		4
118	Connectivity of Millimeter Wave Networks With Multi-Hop Relaying. <i>IEEE Wireless Communications Letters</i> , 2015 , 4, 209-212	5.9	35
117	On Association Cells in Random Heterogeneous Networks. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 70-73	5.9	37
116	Downlink Rate Distribution in Heterogeneous Cellular Networks under Generalized Cell Selection. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 42-45	5.9	127
115	What Will 5G Be?. <i>IEEE Journal on Selected Areas in Communications</i> , 2014 , 32, 1065-1082	14.2	4772
114	Modeling, Analysis, and Optimization of Multicast Device-to-Device Transmissions. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 4346-4359	9.6	89

113	Spectrum Sharing for Device-to-Device Communication in Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 6727-6740	9.6	311
112	Seven ways that HetNets are a cellular paradigm shift 2013 , 51, 136-144		573
111	Offloading in Heterogeneous Networks: Modeling, Analysis, and Design Insights. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 2484-2497	9.6	483
110	Delay-Constrained Random Access Transport Capacity. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 1628-1639	9.6	5
109	A general approach to SINR-based performance metrics with application to D2D and carrier aggregation 2013 ,		3
108	MIMO Interference Alignment in Random Access Networks. <i>IEEE Transactions on Communications</i> , 2013 , 61, 5042-5055	6.9	8
107	Analytical Evaluation of Uplink Fractional Frequency Reuse. <i>IEEE Transactions on Communications</i> , 2013 , 61, 2098-2108	6.9	35
106	An Analytical Framework for Multicell Cooperation via Stochastic Geometry and Large Deviations. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 2501-2516	2.8	58
105	Towards Understanding the Fundamentals of Mobility in Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 1686-1698	9.6	137
104	Load-Aware Modeling and Analysis of Heterogeneous Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 1666-1677	9.6	120
103	Analytical Modeling of Uplink Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 2669-2679	9.6	293
102	Carrier aggregation in heterogeneous cellular networks 2013 ,		11
101	Downlink Coordinated Multi-Point with Overhead Modeling in Heterogeneous Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 4025-4037	9.6	50
100	Modeling Non-Uniform UE Distributions in Downlink Cellular Networks. <i>IEEE Wireless Communications Letters</i> , 2013 , 2, 339-342	5.9	43
99	Optimal spectrum partition and mode selection in device-to-device overlaid cellular networks 2013 ,		5
98	Modeling and Analysis of K-Tier Downlink Heterogeneous Cellular Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2012 , 30, 550-560	14.2	1040
97	Analytical Evaluation of Fractional Frequency Reuse for Heterogeneous Cellular Networks. <i>IEEE Transactions on Communications</i> , 2012 , 60, 2029-2039	6.9	108
96	Spatial Interference Cancellation for Multiantenna Mobile Ad Hoc Networks. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 1660-1676	2.8	92

95	An Upper Bound on Multihop Transmission Capacity With Dynamic Routing Selection. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 3751-3765	2.8	15
94	. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 3484-3495	9.6	724
93	Fundamentals of Inter-Cell Overhead Signaling in Heterogeneous Cellular Networks. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2012 , 6, 257-269	7.5	21
92	User Arrival in MIMO Interference Alignment Networks. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 842-851	9.6	15
91	Downlink SDMA with Limited Feedback in Interference-Limited Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 1-12	9.6	47
90	Ergodic Transmission Capacity of Wireless Ad Hoc Networks with Interference Management. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 2136-2147	9.6	9
89	Video capacity and QoE enhancements over LTE 2012 ,		47
88	Spectral efficiency limits in pilot-assisted cooperative communications 2012 ,		22
87	Fundamentals of mobility in cellular networks: Modeling and analysis 2012 ,		2
86	Interference models for heterogenous sources 2012 ,		5
85	Pairwise interaction processes for modeling cellular network topology 2012 ,		49
84	On the Throughput Cost of Physical Layer Security in Decentralized Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 2764-2775	9.6	170
83	MIMO Interference Alignment Over Correlated Channels With Imperfect CSI. <i>IEEE Transactions on Signal Processing</i> , 2011 , 59, 2783-2794	4.8	125
82	Belief Propagation for Distributed Downlink Beamforming in Cooperative MIMO Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 4140-4149	9.6	35
81	Analytical Evaluation of Fractional Frequency Reuse for OFDMA Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 4294-4305	9.6	242
80	On the Accuracy of the Wyner Model in Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 3098-3109	9.6	90
79	Spectrum-Sharing Transmission Capacity. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 3053-3063	9.6	56
78	A Tractable Approach to Coverage and Rate in Cellular Networks. <i>IEEE Transactions on Communications</i> , 2011 , 59, 3122-3134	6.9	1974

77	Multicast Outage Probability and Transmission Capacity of Multihop Wireless Networks. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 4344-4358	2.8	33
76	Ergodic spatial throughput of wireless ad hoc networks with Markovian fading channels 2011 ,		2
75	Secure Wireless Network Connectivity with Multi-Antenna Transmission. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 425-430	9.6	82
74	A tractable framework for coverage and outage in heterogeneous cellular networks 2011 ,		63
73	Outage Probability for Heterogeneous Cellular Networks with Biased Cell Association 2011 ,		2
72	Secrecy transmission capacity of decentralized wireless networks 2011 ,		1
71	The Effect of Interference Cancellation on Spectrum-Sharing Transmission Capacity 2011 ,		8
70	Cooperative Spectral Covariance Sensing under Correlated Shadowing. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 3589-3593	9.6	5
69	Downlink Femtocell Networks: Open or Closed? 2011 ,		37
68	A Stochastic-Geometry Approach to Coverage in Cellular Networks with Multi-Cell Cooperation 2011 ,		4
67	Sharing multiple messages over mobile networks 2011 ,		7
66	MIMO Broadcast Channels with Spatial Heterogeneity. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 2449-2454	9.6	14
65	Femtocell Access Control in the TDMA/OFDMA Uplink 2010 ,		10
64	Analog Equalization for Low Power 60 GHz Receivers in Realistic Multipath Channels 2010 ,		10
63	Transmission capacity of multi-antenna ad hoc networks with CSMA 2010 ,		14
62	A Graphical Model Approach to Downlink Cooperative MIMO Systems 2010 ,		11
61	When Does the Wyner Model Accurately Describe an Uplink Cellular Network? 2010 ,		8
60	Correlation of link outages in low-mobility spatial wireless networks 2010 ,		14

59	A new method for computing the transmission capacity of non-Poisson wireless networks 2010 ,		8
58	Open vs. Closed Access Femtocells in the Uplink. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 3798-3809	9.6	152
57	Adaptive active constellation extension algorithm for peak-to-average ratio reduction in OFDM. <i>IEEE Communications Letters</i> , 2010 , 14, 39-41	3.8	39
56	Approaching Large-System Limits Faster in Multiuser MIMO with Adaptive Channel Feedback Adjustments. <i>IEEE Communications Letters</i> , 2010 , 14, 1125-1127	3.8	5
55	Sensitive White Space Detection with Spectral Covariance Sensing. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 2945-2955	9.6	23
54	A primer on spatial modeling and analysis in wireless networks 2010 , 48, 156-163		252
53	Resource-redistributive opportunistic scheduling for wireless systems. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 3510-3522	9.6	10
52	Achievable throughput of multi-mode multiuser MIMO with imperfect CSI constraints 2009 ,		9
51	Throughput Scaling Laws for Wireless Ad Hoc Networks with Relay Selection 2009 ,		8
50	Spectrum allocation in tiered cellular networks. <i>IEEE Transactions on Communications</i> , 2009 , 57, 3059-3068	9.6	357
49	Uplink capacity and interference avoidance for two-tier femtocell networks. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 3498-3509	9.6	373
48	Coverage in multi-antenna two-tier networks. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 5314-5327	9.6	194
47	Upper bound on the capacity of cognitive radio without cooperation. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 4380-4385	9.6	13
46	Networked MIMO with clustered linear precoding. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 1910-1921	9.6	320
45	In-vivo communication using blood vessels as the transport channel 2009 ,		2
44	Coverage in Tiered Cellular Networks with Spatial Diversity 2009 ,		3
43	Limited Feedback Beamforming Over Temporally-Correlated Channels. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 1959-1975	4.8	72
42	Power control in two-tier femtocell networks. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 4316-4328	9.6	558

41	Joint transceiver design for DSTTD with low-complexity precoder and MMSE-OSIC. <i>IEICE Electronics Express</i> , 2009 , 6, 490-496	0.5	
40	. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 5058-5071	9.6	249
39	Distributed Antenna Systems with Randomness. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 3636-3646	9.6	138
38	Block diagonalization for multi-user MIMO with other-cell interference. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 2671-2681	9.6	131
37	Femtocell networks: a survey 2008 , 46, 59-67		1967
36	Rethinking information theory for mobile ad hoc networks 2008 , 46, 94-101		127
35	Spatial interference cancelation for mobile ad hoc networks: Imperfect CSI 2008 ,		3
34	Adaptive rate control over multiple spatial channels in ad hoc networks 2008 ,		1
33	Information outage probability and diversity order of symmetric coordinate interleaved orthogonal designs. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 1501-1506	9.6	4
32	Spatial Interference Cancellation for Mobile Ad Hoc Networks: Perfect CSI 2008 ,		7
31	Power Loading Using Order Mapping in OFDM Systems With Limited Feedback. <i>IEEE Signal Processing Letters</i> , 2008 , 15, 545-548	3.2	12
30	The capacity gain from intercell scheduling in multi-antenna systems. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 714-725	9.6	76
29	Inter-cell relay cooperation in heterogeneous cellular uplink systems 2008 ,		3
28	Spectrum allocation in two-tier networks 2008 ,		32
27	Multimode Transmission for Multiuser MIMO Systems With Block Diagonalization. <i>IEEE Transactions on Signal Processing</i> , 2008 , 56, 3294-3302	4.8	53
26	Improved Performance Analysis for Maximal Ratio Combining in Asynchronous CDMA Channels. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 3297-3305	9.6	8
25	Downlink performance and capacity of distributed antenna systems in a multicell environment. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 69-73	9.6	379
24	Low-Complexity User and Antenna Selection for Multiuser MIMO Systems with Block Diagonalization 2007 ,		2

23	Transmission Capacity of Wireless Ad Hoc Networks With Successive Interference Cancellation. <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 2799-2814	2.8	203
22	The Effect of Fading, Channel Inversion, and Threshold Scheduling on Ad Hoc Networks. <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 4127-4149	2.8	234
21	Efficient Transmit Antenna Selection for Multiuser MIMO Systems with Block Diagonalization 2007 ,		19
20	Uplink Capacity and Interference Avoidance for Two-Tier Cellular Networks 2007 ,		64
19	Cellular Communication with Randomly Placed Distributed Antennas 2007 ,		6
18	Downlink MIMO Block Diagonalization in the Presence of Other-Cell Interference 2007 ,		2
17	Spatial Multiplexing in Cellular MIMO-CDMA Systems with Linear Receivers: Outage Probability and Capacity. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 2612-2621	9.6	28
16	Multiuser Limited Feedback for Wireless Multi-Antenna Communication 2007 ,		5
15	Uplink Power Control in Multi-Cell Spatial Multiplexing Wireless Systems. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 2700-2711	9.6	40
14	SDMA with a Sum Feedback Rate Constraint 2007 ,		1
13	Transmit Selection Diversity for Unitary Precoded Multiuser Spatial Multiplexing Systems With Linear Receivers. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 1159-1171	4.8	75
12	Multiuser Antenna Partitioning for Cellular MIMO-CDMA Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 2448-2456	6.8	11
11	An Efficient Design of Doubly Selective Channel Estimation for OFDM Systems. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 3790-3802	9.6	30
10	Space Division Multiple Access With a Sum Feedback Rate Constraint. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 3879-3891	4.8	96
9	The Capacity Gain from Base Station Cooperative Scheduling in a MIMO DPC Cellular System 2006 ,		11
8	WLC25-6: Greedy-Coordinated Scheduling with Resource-Sharing Constraints in Wireless Networks. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		2
7	WLC38-5: Multi-Antenna Limited Feedback for Temporally-Correlated Channels: Feedback Compression. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		32
6	WLC11-4: Power Control for Cellular MIMO Systems. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		2

5	CTH03-2: Balancing Pilot and Data Power for Adaptive MIMO-OFDM Systems. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,	9
4	CTH07-1: Effect of Feedback Delay on Multi-Antenna Limited Feedback for Temporally-Correlated Channels. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,	17
3	Transmission capacity of wireless ad hoc networks with channel variations 2006 ,	4
2	Successive interference cancellation in a low-earth orbit satellite system. <i>International Journal of Satellite Communications and Networking</i> , 2003 , 21, 65-77	1.7 2
1	Joint Detection for Multi-Antenna Channels 311-364	1