

# Jeffrey G Andrews

## List of Publications by Citations

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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	What Will 5G Be?. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2014</b> , 32, 1065-1082	14.2	4772
183	A Tractable Approach to Coverage and Rate in Cellular Networks. <i>IEEE Transactions on Communications</i> , <b>2011</b> , 59, 3122-3134	6.9	1974
182	Femtocell networks: a survey <b>2008</b> , 46, 59-67		1967
181	Modeling and Analysis of K-Tier Downlink Heterogeneous Cellular Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2012</b> , 30, 550-560	14.2	1040
180	. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 11, 3484-3495	9.6	724
179	Seven ways that HetNets are a cellular paradigm shift <b>2013</b> , 51, 136-144		573
178	Power control in two-tier femtocell networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 4316-4328	9.6	558
177	Offloading in Heterogeneous Networks: Modeling, Analysis, and Design Insights. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 2484-2497	9.6	483
176	Downlink performance and capacity of distributed antenna systems in a multicell environment. <i>IEEE Transactions on Wireless Communications</i> , <b>2007</b> , 6, 69-73	9.6	379
175	Uplink capacity and interference avoidance for two-tier femtocell networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 3498-3509	9.6	373
174	Spectrum allocation in tiered cellular networks. <i>IEEE Transactions on Communications</i> , <b>2009</b> , 57, 3059-3068		357
173	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 2196-2211	14.2	339
172	. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 1-1	6.9	330
171	Networked MIMO with clustered linear precoding. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 1910-1921	9.6	320
170	Spectrum Sharing for Device-to-Device Communication in Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 6727-6740	9.6	311
169	Analytical Modeling of Uplink Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 2669-2679	9.6	293
168	A primer on spatial modeling and analysis in wireless networks <b>2010</b> , 48, 156-163		252

167	. <i>IEEE Transactions on Wireless Communications</i> , <b>2008</b> , 7, 5058-5071	9.6	249
166	Analytical Evaluation of Fractional Frequency Reuse for OFDMA Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 4294-4305	9.6	242
165	The Effect of Fading, Channel Inversion, and Threshold Scheduling on Ad Hoc Networks. <i>IEEE Transactions on Information Theory</i> , <b>2007</b> , 53, 4127-4149	2.8	234
164	. <i>IEEE Transactions on Communications</i> , <b>2015</b> , 63, 1881-1894	6.9	217
163	Transmission Capacity of Wireless Ad Hoc Networks With Successive Interference Cancellation. <i>IEEE Transactions on Information Theory</i> , <b>2007</b> , 53, 2799-2814	2.8	203
162	Coverage in multi-antenna two-tier networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 5314-5327	9.6	194
161	On the Throughput Cost of Physical Layer Security in Decentralized Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 2764-2775	9.6	170
160	Open vs. Closed Access Femtocells in the Uplink. <i>IEEE Transactions on Wireless Communications</i> , <b>2010</b> , 9, 3798-3809	9.6	152
159	Distributed Antenna Systems with Randomness. <i>IEEE Transactions on Wireless Communications</i> , <b>2008</b> , 7, 3636-3646	9.6	138
158	Towards Understanding the Fundamentals of Mobility in Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 1686-1698	9.6	137
157	Block diagonalization for multi-user MIMO with other-cell interference. <i>IEEE Transactions on Wireless Communications</i> , <b>2008</b> , 7, 2671-2681	9.6	131
156	Downlink Rate Distribution in Heterogeneous Cellular Networks under Generalized Cell Selection. <i>IEEE Wireless Communications Letters</i> , <b>2014</b> , 3, 42-45	5.9	127
155	Rethinking information theory for mobile ad hoc networks <b>2008</b> , 46, 94-101		127
154	MIMO Interference Alignment Over Correlated Channels With Imperfect CSI. <i>IEEE Transactions on Signal Processing</i> , <b>2011</b> , 59, 2783-2794	4.8	125
153	Load-Aware Modeling and Analysis of Heterogeneous Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 1666-1677	9.6	120
152	Analytical Evaluation of Fractional Frequency Reuse for Heterogeneous Cellular Networks. <i>IEEE Transactions on Communications</i> , <b>2012</b> , 60, 2029-2039	6.9	108
151	Are we approaching the fundamental limits of wireless network densification? <b>2016</b> , 54, 184-190		99
150	Space Division Multiple Access With a Sum Feedback Rate Constraint. <i>IEEE Transactions on Signal Processing</i> , <b>2007</b> , 55, 3879-3891	4.8	96

149	Spatial Interference Cancellation for Multiantenna Mobile Ad Hoc Networks. <i>IEEE Transactions on Information Theory</i> , <b>2012</b> , 58, 1660-1676	2.8	92
148	On the Accuracy of the Wyner Model in Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 3098-3109	9.6	90
147	Modeling, Analysis, and Optimization of Multicast Device-to-Device Transmissions. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 4346-4359	9.6	89
146	Secure Wireless Network Connectivity with Multi-Antenna Transmission. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 425-430	9.6	82
145	Distributed Resource Allocation in Device-to-Device Enhanced Cellular Networks. <i>IEEE Transactions on Communications</i> , <b>2015</b> , 63, 441-454	6.9	81
144	. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 6310-6326	9.6	80
143	The capacity gain from intercell scheduling in multi-antenna systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2008</b> , 7, 714-725	9.6	76
142	Transmit Selection Diversity for Unitary Precoded Multiuser Spatial Multiplexing Systems With Linear Receivers. <i>IEEE Transactions on Signal Processing</i> , <b>2007</b> , 55, 1159-1171	4.8	75
141	Limited Feedback Beamforming Over Temporally-Correlated Channels. <i>IEEE Transactions on Signal Processing</i> , <b>2009</b> , 57, 1959-1975	4.8	72
140	Optimizing Content Caching to Maximize the Density of Successful Receptions in Device-to-Device Networking. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 1-1	6.9	70
139	. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 3981-3995	6.9	66
138	A Comparison of MIMO Techniques in Downlink Millimeter Wave Cellular Networks With Hybrid Beamforming. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 1952-1967	6.9	64
137	Uplink Capacity and Interference Avoidance for Two-Tier Cellular Networks <b>2007</b> ,		64
136	. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 1544-1556	6.9	63
135	A tractable framework for coverage and outage in heterogeneous cellular networks <b>2011</b> ,		63
134	An Analytical Framework for Multicell Cooperation via Stochastic Geometry and Large Deviations. <i>IEEE Transactions on Information Theory</i> , <b>2013</b> , 59, 2501-2516	2.8	58
133	. <i>IEEE Transactions on Communications</i> , <b>2015</b> , 63, 3405-3422	6.9	56
132	Spectrum-Sharing Transmission Capacity. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 3053-3063	9.6	56

131	Multimode Transmission for Multiuser MIMO Systems With Block Diagonalization. <i>IEEE Transactions on Signal Processing</i> , <b>2008</b> , 56, 3294-3302	4.8	53
130	One-Bit OFDM Receivers via Deep Learning. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 4326-4336	6.9	52
129	Downlink Coordinated Multi-Point with Overhead Modeling in Heterogeneous Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 4025-4037	9.6	50
128	. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 6409-6425	9.6	49
127	Pairwise interaction processes for modeling cellular network topology <b>2012</b> ,		49
126	SINR and Throughput of Dense Cellular Networks With Stretched Exponential Path Loss. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 1147-1160	9.6	48
125	Massive MIMO Channel Estimation With an Untrained Deep Neural Network. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 2079-2090	9.6	48
124	Downlink SDMA with Limited Feedback in Interference-Limited Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 1-12	9.6	47
123	Video capacity and QoE enhancements over LTE <b>2012</b> ,		47
122	Macrodiversity in Cellular Networks With Random Blockages. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 996-1010	9.6	44
121	Modeling Non-Uniform UE Distributions in Downlink Cellular Networks. <i>IEEE Wireless Communications Letters</i> , <b>2013</b> , 2, 339-342	5.9	43
120	Uplink Power Control in Multi-Cell Spatial Multiplexing Wireless Systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2007</b> , 6, 2700-2711	9.6	40
119	Adaptive active constellation extension algorithm for peak-to-average ratio reduction in OFDM. <i>IEEE Communications Letters</i> , <b>2010</b> , 14, 39-41	3.8	39
118	Reinforcement Learning for Self Organization and Power Control of Two-Tier Heterogeneous Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 3933-3947	9.6	38
117	Spatially Correlated Content Caching for Device-to-Device Communications. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 56-70	9.6	37
116	On Association Cells in Random Heterogeneous Networks. <i>IEEE Wireless Communications Letters</i> , <b>2014</b> , 3, 70-73	5.9	37
115	Downlink Femtocell Networks: Open or Closed? <b>2011</b> ,		37
114	Analytical Evaluation of Uplink Fractional Frequency Reuse. <i>IEEE Transactions on Communications</i> , <b>2013</b> , 61, 2098-2108	6.9	35

113	Connectivity of Millimeter Wave Networks With Multi-Hop Relaying. <i>IEEE Wireless Communications Letters</i> , <b>2015</b> , 4, 209-212	5.9	35
112	Belief Propagation for Distributed Downlink Beamforming in Cooperative MIMO Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 4140-4149	9.6	35
111	Performance of Dynamic and Static TDD in Self-Backhauled Millimeter Wave Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 6460-6478	9.6	34
110	Multicast Outage Probability and Transmission Capacity of Multihop Wireless Networks. <i>IEEE Transactions on Information Theory</i> , <b>2011</b> , 57, 4344-4358	2.8	33
109	Spectrum allocation in two-tier networks <b>2008</b> ,		32
108	WLC38-5: Multi-Antenna Limited Feedback for Temporally-Correlated Channels: Feedback Compression. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , <b>2006</b> ,		32
107	An Efficient Design of Doubly Selective Channel Estimation for OFDM Systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2007</b> , 6, 3790-3802	9.6	30
106	Spatial Multiplexing in Cellular MIMO-CDMA Systems with Linear Receivers: Outage Probability and Capacity. <i>IEEE Transactions on Wireless Communications</i> , <b>2007</b> , 6, 2612-2621	9.6	28
105	Gains of Restricted Secondary Licensing in Millimeter Wave Cellular Systems. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2016</b> , 34, 2935-2950	14.2	27
104	. <i>IEEE Transactions on Information Theory</i> , <b>2019</b> , 65, 1236-1248	2.8	26
103	Unified Analysis of HetNets Using Poisson Cluster Processes Under Max-Power Association. <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 3797-3812	9.6	23
102	Sensitive White Space Detection with Spectral Covariance Sensing. <i>IEEE Transactions on Wireless Communications</i> , <b>2010</b> , 9, 2945-2955	9.6	23
101	Spectral efficiency limits in pilot-assisted cooperative communications <b>2012</b> ,		22
100	Fundamentals of Inter-Cell Overhead Signaling in Heterogeneous Cellular Networks. <i>IEEE Journal on Selected Topics in Signal Processing</i> , <b>2012</b> , 6, 257-269	7.5	21
99	. <i>IEEE Access</i> , <b>2019</b> , 7, 60532-60544	3.5	20
98	Efficient Transmit Antenna Selection for Multiuser MIMO Systems with Block Diagonalization <b>2007</b> ,		19
97	Throughput Maximization for Delay-Sensitive Random Access Communication. <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 709-723	9.6	18
96	Inter-Operator Base Station Coordination in Spectrum-Shared Millimeter Wave Cellular Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2018</b> , 4, 513-528	6.6	17

95	CTH07-1: Effect of Feedback Delay on Multi-Antenna Limited Feedback for Temporally-Correlated Channels. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , <b>2006</b> ,		17
94	Joint Downlink/Uplink RF Wake-Up Solution for IoT Over Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 1574-1588	9.6	16
93	Modeling Infrastructure Sharing in mmWave Networks With Shared Spectrum Licenses. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2018</b> , 4, 328-343	6.6	15
92	An Upper Bound on Multihop Transmission Capacity With Dynamic Routing Selection. <i>IEEE Transactions on Information Theory</i> , <b>2012</b> , 58, 3751-3765	2.8	15
91	User Arrival in MIMO Interference Alignment Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 11, 842-851	9.6	15
90	Optimizing the spatial content caching distribution for device-to-device communications <b>2016</b> ,		14
89	MIMO Broadcast Channels with Spatial Heterogeneity. <i>IEEE Transactions on Wireless Communications</i> , <b>2010</b> , 9, 2449-2454	9.6	14
88	Transmission capacity of multi-antenna ad hoc networks with CSMA <b>2010</b> ,		14
87	Correlation of link outages in low-mobility spatial wireless networks <b>2010</b> ,		14
86	Upper bound on the capacity of cognitive radio without cooperation. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 4380-4385	9.6	13
85	Power Loading Using Order Mapping in OFDM Systems With Limited Feedback. <i>IEEE Signal Processing Letters</i> , <b>2008</b> , 15, 545-548	3.2	12
84	DeepWiPHY: Deep Learning-Based Receiver Design and Dataset for IEEE 802.11ax Systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 1596-1611	9.6	12
83	Online Antenna Tuning in Heterogeneous Cellular Networks With Deep Reinforcement Learning. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2019</b> , 5, 1113-1124	6.6	11
82	Autoencoder-Based Error Correction Coding for One-Bit Quantization. <i>IEEE Transactions on Communications</i> , <b>2020</b> , 68, 3440-3451	6.9	11
81	Carrier aggregation in heterogeneous cellular networks <b>2013</b> ,		11
80	A Graphical Model Approach to Downlink Cooperative MIMO Systems <b>2010</b> ,		11
79	The Capacity Gain from Base Station Cooperative Scheduling in a MIMO DPC Cellular System <b>2006</b> ,		11
78	Multuser Antenna Partitioning for Cellular MIMO-OFDMA Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2007</b> , 56, 2448-2456	6.8	11

77	Wideband Channel Estimation With a Generative Adversarial Network. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 3049-3060	9.6	11
76	High Dimensional Channel Estimation Using Deep Generative Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2021</b> , 39, 18-30	14.2	11
75	Femtocell Access Control in the TDMA/OFDMA Uplink <b>2010</b> ,		10
74	Analog Equalization for Low Power 60 GHz Receivers in Realistic Multipath Channels <b>2010</b> ,		10
73	Resource-redistributive opportunistic scheduling for wireless systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 3510-3522	9.6	10
72	. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 1238-1253	6.9	9
71	Ergodic Transmission Capacity of Wireless Ad Hoc Networks with Interference Management. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 11, 2136-2147	9.6	9
70	Achievable throughput of multi-mode multiuser MIMO with imperfect CSI constraints <b>2009</b> ,		9
69	CTH03-2: Balancing Pilot and Data Power for Adaptive MIMO-OFDM Systems. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , <b>2006</b> ,		9
68	Machine Learning-Assisted Beam Alignment for mmWave Systems <b>2019</b> ,		9
67	Millimeter-Wave Full Duplex Radios: New Challenges and Techniques. <i>IEEE Wireless Communications</i> , <b>2021</b> , 28, 36-43	13.4	9
66	MIMO Interference Alignment in Random Access Networks. <i>IEEE Transactions on Communications</i> , <b>2013</b> , 61, 5042-5055	6.9	8
65	When Does the Wyner Model Accurately Describe an Uplink Cellular Network? <b>2010</b> ,		8
64	A new method for computing the transmission capacity of non-Poisson wireless networks <b>2010</b> ,		8
63	Throughput Scaling Laws for Wireless Ad Hoc Networks with Relay Selection <b>2009</b> ,		8
62	The Effect of Interference Cancellation on Spectrum-Sharing Transmission Capacity <b>2011</b> ,		8
61	Improved Performance Analysis for Maximal Ratio Combining in Asynchronous CDMA Channels. <i>IEEE Transactions on Wireless Communications</i> , <b>2007</b> , 6, 3297-3305	9.6	8
60	Two-Stage Learning for Uplink Channel Estimation in One-Bit Massive MIMO <b>2019</b> ,		8



59	Spectral efficiency of massive MIMO systems with D2D underlay <b>2015</b> ,		7
58	Sharing multiple messages over mobile networks <b>2011</b> ,		7
57	Spatial Interference Cancellation for Mobile Ad Hoc Networks: Perfect CSI <b>2008</b> ,		7
56	Deep Learning Predictive Band Switching in Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 96-109	9.6	7
55	An Analytical Framework for Modeling a Spatially Repulsive Cellular Network. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 862-874	6.9	6
54	Correction Factor for Analysis of MIMO Wireless Networks With Highly Directional Beamforming. <i>IEEE Wireless Communications Letters</i> , <b>2018</b> , 7, 756-759	5.9	6
53	Cellular Communication with Randomly Placed Distributed Antennas <b>2007</b> ,		6
52	Compressed Representation of High Dimensional Channels using Deep Generative Networks <b>2020</b> ,		6
51	Learning Link Schedules in Self-Backhauled Millimeter Wave Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 8024-8038	9.6	6
50	. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 4318-4332	6.9	5
49	Delay-Constrained Random Access Transport Capacity. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 1628-1639	9.6	5
48	Optimal spectrum partition and mode selection in device-to-device overlaid cellular networks <b>2013</b> ,		5
47	Approaching Large-System Limits Faster in Multiuser MIMO with Adaptive Channel Feedback Adjustments. <i>IEEE Communications Letters</i> , <b>2010</b> , 14, 1125-1127	3.8	5
46	Cooperative Spectral Covariance Sensing under Correlated Shadowing. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 3589-3593	9.6	5
45	Interference models for heterogenous sources <b>2012</b> ,		5
44	Multiuser Limited Feedback for Wireless Multi-Antenna Communication <b>2007</b> ,		5
43	Machine Learning-Assisted Beam Alignment for mmWave Systems. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2021</b> , 1-1	6.6	5
42	A Deep Reinforcement Learning Framework for Contention-Based Spectrum Sharing. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2021</b> , 39, 2526-2540	14.2	5

41	Impact of Dual Slope Path Loss on User Association in HetNets <b>2015,</b>		4
40	A Stochastic-Geometry Approach to Coverage in Cellular Networks with Multi-Cell Cooperation <b>2011,</b>		4
39	Information outage probability and diversity order of symmetric coordinate interleaved orthogonal designs. <i>IEEE Transactions on Wireless Communications</i> , <b>2008</b> , 7, 1501-1506	9.6	4
38	Transmission capacity of wireless ad hoc networks with channel variations <b>2006,</b>		4
37	Experience-Centric Mobile Video Scheduling Through Machine Learning. <i>IEEE Access</i> , <b>2019</b> , 7, 113017-113030	3.9	3
36	Comments on Coverage Analysis of Multiuser Visible Light Communication Networks <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 4605-4606	9.6	3
35	A general approach to SINR-based performance metrics with application to D2D and carrier aggregation <b>2013,</b>		3
34	Coverage in Tiered Cellular Networks with Spatial Diversity <b>2009,</b>		3
33	Spatial interference cancelation for mobile ad hoc networks: Imperfect CSI <b>2008,</b>		3
32	Inter-cell relay cooperation in heterogeneous cellular uplink systems <b>2008,</b>		3
31	A Novel Deep Reinforcement Learning Algorithm for Online Antenna Tuning <b>2019,</b>		3
30	Hybrid Beamforming for Millimeter Wave Full-Duplex under Limited Receive Dynamic Range. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	3
29	<b>2018,</b>		2
28	On the coverage probability of a spatially correlated network <b>2017,</b>		2
27	Ergodic spatial throughput of wireless ad hoc networks with Markovian fading channels <b>2011,</b>		2
26	Outage Probability for Heterogeneous Cellular Networks with Biased Cell Association <b>2011,</b>		2
25	Fundamentals of mobility in cellular networks: Modeling and analysis <b>2012,</b>		2
24	In-vivo communication using blood vessels as the transport channel <b>2009,</b>		2

23	Low-Complexity User and Antenna Selection for Multiuser MIMO Systems with Block Diagonalization <b>2007</b> ,		2
22	WLC25-6: Greedy-Coordinated Scheduling with Resource-Sharing Constraints in Wireless Networks. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , <b>2006</b> ,		2
21	WLC11-4: Power Control for Cellular MIMO Systems. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , <b>2006</b> ,		2
20	Downlink MIMO Block Diagonalization in the Presence of Other-Cell Interference <b>2007</b> ,		2
19	Successive interference cancellation in a low-earth orbit satellite system. <i>International Journal of Satellite Communications and Networking</i> , <b>2003</b> , 21, 65-77	1.7	2
18	Escaping the Densification Plateau in Cellular Networks Through mmWave Beamforming. <i>IEEE Wireless Communications Letters</i> , <b>2020</b> , 9, 1874-1878	5.9	2
17	Can operators simply share millimeter wave spectrum licenses? <b>2016</b> ,		2
16	Learning-based Delay Optimization for Self-Backhauled Millimeter Wave Cellular Networks <b>2019</b> ,		2
15	Unfolded Hybrid Beamforming with GAN Compressed Ultra-Low Feedback Overhead. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	2
14	Coverage in Terahertz Cellular Networks with Imperfect Beam Alignment <b>2021</b> ,		2
13	Secrecy transmission capacity of decentralized wireless networks <b>2011</b> ,		1
12	Joint Detection for Multi-Antenna Channels 311-364		1
11	Adaptive rate control over multiple spatial channels in ad hoc networks <b>2008</b> ,		1
10	SDMA with a Sum Feedback Rate Constraint <b>2007</b> ,		1
9	Sample-Efficient Learning of Cellular Antenna Parameter Settings <b>2021</b> ,		1
8	High Rate Communication over One-Bit Quantized Channels via Deep Learning and LDPC Codes <b>2020</b> ,		1
7	Stability of Wireless Random Access Systems <b>2019</b> ,		1
6	UTMobileNetTraffic2021: A Labeled Public Network Traffic Dataset. <i>IEEE Networking Letters</i> , <b>2021</b> , 3, 156-160	2.8	1

5	Single Channel Equivalent Point Processes of Poisson Networks with Multiple Channel Laws. <i>IEEE Communications Letters</i> , <b>2021</b> , 1-1	3.8	o
4	. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 69, 133-148	6.9	o
3	Joint transceiver design for DSTTD with low-complexity precoder and MMSE-OSIC. <i>IEICE Electronics Express</i> , <b>2009</b> , 6, 490-496	0.5	
2	Spatial Concentration of Caching in Wireless Heterogeneous Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 3397-3414	9.6	
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