Jeffrey G Andrews

List of Publications by Year
in descending order

198 papers	28,145 citations	26567 56 h-index	16605 123 g-index
199 all docs	199 docs citations	199 times ranked	12175 citing authors

#	Article	IF	Citations
1	What Will 5G Be?. IEEE Journal on Selected Areas in Communications, 2014, 32, 1065-1082.	9.7	6,564
2	A Tractable Approach to Coverage and Rate in Cellular Networks. IEEE Transactions on Communications, 2011, 59, 3122-3134.	4.9	2,540
3	Femtocell networks: a survey. , 2008, 46, 59-67.		2,538
4	Modeling and Analysis of K-Tier Downlink Heterogeneous Cellular Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 550-560.	9.7	1,290
5	Heterogeneous Cellular Networks with Flexible Cell Association: A Comprehensive Downlink SINR Analysis. IEEE Transactions on Wireless Communications, 2012, 11, 3484-3495.	6.1	898
6	Power control in two-tier femtocell networks. IEEE Transactions on Wireless Communications, 2009, 8, 4316-4328.	6.1	778
7	Seven ways that HetNets are a cellular paradigm shift. , 2013, 51, 136-144.		734
8	Offloading in Heterogeneous Networks: Modeling, Analysis, and Design Insights. IEEE Transactions on Wireless Communications, 2013, 12, 2484-2497.	6.1	603
9	Downlink performance and capacity of distributed antenna systems in a multicell environment. IEEE Transactions on Wireless Communications, 2007, 6, 69-73.	6.1	518
10	Uplink capacity and interference avoidance for two-tier femtocell networks. IEEE Transactions on Wireless Communications, 2009, 8, 3498-3509.	6.1	496
11	Modeling and Analyzing Millimeter Wave Cellular Systems. IEEE Transactions on Communications, 2016, , 1-1.	4.9	486
12	Spectrum allocation in tiered cellular networks. IEEE Transactions on Communications, 2009, 57, 3059-3068.	4.9	461
13	Networked MIMO with clustered linear precoding. IEEE Transactions on Wireless Communications, 2009, 8, 1910-1921.	6.1	445
14	Tractable Model for Rate in Self-Backhauled Millimeter Wave Cellular Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 2196-2211.	9.7	406
15	Analytical Modeling of Uplink Cellular Networks. IEEE Transactions on Wireless Communications, 2013, 12, 2669-2679.	6.1	376
16	Spectrum Sharing for Device-to-Device Communication in Cellular Networks. IEEE Transactions on Wireless Communications, 2014, 13, 6727-6740.	6.1	373
17	The Effect of Fading, Channel Inversion, and Threshold Scheduling on <i>Ad Hoc</i> Networks. IEEE Transactions on Information Theory, 2007, 53, 4127-4149.	1.5	334
18	Analytical Evaluation of Fractional Frequency Reuse for OFDMA Cellular Networks. IEEE Transactions on Wireless Communications, 2011, 10, 4294-4305.	6.1	324

#	ARTICLE	IF	CITATIONS
19	A primer on spatial modeling and analysis in wireless networks. , 2010, 48, 156-163.		314
20	Transmission capacity of ad hoc networks with spatial diversity. IEEE Transactions on Wireless Communications, 2008, 7, 5058-5071.	6.1	304
21	Downlink Cellular Network Analysis With Multi-Slope Path Loss Models. IEEE Transactions on Communications, 2015, 63, 1881-1894.	4.9	260
22	Coverage in multi-antenna two-tier networks. IEEE Transactions on Wireless Communications, 2009, 8, 5314-5327.	6.1	258
23	Transmission Capacity of Wireless Ad Hoc Networks With Successive Interference Cancellation. IEEE Transactions on Information Theory, 2007, 53, 2799-2814.	1.5	256
24	On the Throughput Cost of Physical Layer Security in Decentralized Wireless Networks. IEEE Transactions on Wireless Communications, 2011, 10, 2764-2775.	6.1	202
25	MIMO Interference Alignment Over Correlated Channels With Imperfect CSI. IEEE Transactions on Signal Processing, 2011, 59, 2783-2794.	3.2	197
26	Open vs. Closed Access Femtocells in the Uplink. IEEE Transactions on Wireless Communications, 2010, 9, 3798-3809.	6.1	190
27	Block diagonalization for multi-user MIMO with other-cell interference. IEEE Transactions on Wireless Communications, 2008, 7, 2671-2681.	6.1	183
28	Downlink Rate Distribution in Heterogeneous Cellular Networks under Generalized Cell Selection. IEEE Wireless Communications Letters, 2014, 3, 42-45.	3.2	183
29	Towards Understanding the Fundamentals of Mobility in Cellular Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1686-1698.	6.1	179
30	Distributed Antenna Systems with Randomness. IEEE Transactions on Wireless Communications, 2008, 7, 3636-3646.	6.1	176
31	Rethinking information theory for mobile ad hoc networks. , 2008, 46, 94-101.		167
32	Load-Aware Modeling and Analysis of Heterogeneous Cellular Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1666-1677.	6.1	147
33	Are we approaching the fundamental limits of wireless network densification?. , 2016, 54, 184-190.		145
34	Analytical Evaluation of Fractional Frequency Reuse for Heterogeneous Cellular Networks. IEEE Transactions on Communications, 2012, 60, 2029-2039.	4.9	144
35	Space Division Multiple Access With a Sum Feedback Rate Constraint. IEEE Transactions on Signal Processing, 2007, 55, 3879-3891.	3.2	133
36	Spatial Interference Cancellation for Multiantenna Mobile Ad Hoc Networks. IEEE Transactions on Information Theory, 2012, 58, 1660-1676.	1.5	133

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37	On the Accuracy of the Wyner Model in Cellular Networks. IEEE Transactions on Wireless Communications, 2011, 10, 3098-3109.	6.1	120
38	Transmit Selection Diversity for Unitary Precoded Multiuser Spatial Multiplexing Systems With Linear Receivers. IEEE Transactions on Signal Processing, 2007, 55, 1159-1171.	3.2	119
39	Modeling, Analysis, and Optimization of Multicast Device-to-Device Transmissions. IEEE Transactions on Wireless Communications, 2014, 13, 4346-4359.	6.1	108
40	Modeling and Analyzing the Coexistence of Wi-Fi and LTE in Unlicensed Spectrum. IEEE Transactions on Wireless Communications, 2016, 15, 6310-6326.	6.1	105
41	Massive MIMO Channel Estimation With an Untrained Deep Neural Network. IEEE Transactions on Wireless Communications, 2020, 19, 2079-2090.	6.1	103
42	The capacity gain from intercell scheduling in multi-antenna systems. IEEE Transactions on Wireless Communications, 2008, 7, 714-725.	6.1	100
43	Limited Feedback Beamforming Over Temporally-Correlated Channels. IEEE Transactions on Signal Processing, 2009, 57, 1959-1975.	3.2	100
44	Secure Wireless Network Connectivity with Multi-Antenna Transmission. IEEE Transactions on Wireless Communications, 2011, 10, 425-430.	6.1	100
45	Distributed Resource Allocation in Device-to-Device Enhanced Cellular Networks. IEEE Transactions on Communications, 2015, 63, 441-454.	4.9	94
46	On the Feasibility of Sharing Spectrum Licenses in mmWave Cellular Systems. IEEE Transactions on Communications, 2016, 64, 3981-3995.	4.9	94
47	Uplink Capacity and Interference Avoidance for Two-Tier Cellular Networks. , 2007, , .		83
48	Success Probability and Area Spectral Efficiency in Multiuser MIMO HetNets. IEEE Transactions on Communications, 2016, 64, 1544-1556.	4.9	81
49	Optimizing Content Caching to Maximize the Density of Successful Receptions in Device-to-Device Networking. IEEE Transactions on Communications, 2016, , 1-1.	4.9	80
50	One-Bit OFDM Receivers via Deep Learning. IEEE Transactions on Communications, 2019, 67, 4326-4336.	4.9	79
51	A Comparison of MIMO Techniques in Downlink Millimeter Wave Cellular Networks With Hybrid Beamforming. IEEE Transactions on Communications, 2016, 64, 1952-1967.	4.9	78
52	SINR and Throughput of Dense Cellular Networks With Stretched Exponential Path Loss. IEEE Transactions on Wireless Communications, 2018, 17, 1147-1160.	6.1	78
53	A tractable framework for coverage and outage in heterogeneous cellular networks. , 2011, , .		76
54	An Analytical Framework for Multicell Cooperation via Stochastic Geometry and Large Deviations. IEEE Transactions on Information Theory, 2013, 59, 2501-2516.	1.5	75

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55	Statistical Modeling and Probabilistic Analysis of Cellular Networks With Determinantal Point Processes. IEEE Transactions on Communications, 2015, 63, 3405-3422.	4.9	73
56	Design and Analysis of Initial Access in Millimeter Wave Cellular Networks. IEEE Transactions on Wireless Communications, 2017, 16, 6409-6425.	6.1	72
57	Spectrum-Sharing Transmission Capacity. IEEE Transactions on Wireless Communications, 2011, 10, 3053-3063.	6.1	71
58	Multimode Transmission for Multiuser MIMO Systems With Block Diagonalization. IEEE Transactions on Signal Processing, 2008, 56, 3294-3302.	3.2	70
59	Downlink Coordinated Multi-Point with Overhead Modeling in Heterogeneous Cellular Networks. IEEE Transactions on Wireless Communications, 2013, 12, 4025-4037.	6.1	68
60	Adaptive active constellation extension algorithm for peak-to-average ratio reduction in OFDM. IEEE Communications Letters, 2010, 14, 39-41.	2.5	66
61	Reinforcement Learning for Self Organization and Power Control of Two-Tier Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2019, 18, 3933-3947.	6.1	61
62	Downlink SDMA with Limited Feedback in Interference-Limited Wireless Networks. IEEE Transactions on Wireless Communications, 2012, , 1-12.	6.1	60
63	Macrodiversity in Cellular Networks With Random Blockages. IEEE Transactions on Wireless Communications, 2018, 17, 996-1010.	6.1	60
64	Video capacity and QoE enhancements over LTE. , 2012, , .		59
65	Spectrum allocation in two-tier networks. , 2008, , .		58
66	Pairwise interaction processes for modeling cellular network topology. , 2012, , .		54
67	WLC38-5: Multi-Antenna Limited Feedback for Temporally-Correlated Channels: Feedback Compression. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	52
68	Spatially Correlated Content Caching for Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2018, 17, 56-70.	6.1	52
69	Modeling Non-Uniform UE Distributions in Downlink Cellular Networks. IEEE Wireless Communications Letters, 2013, 2, 339-342.	3.2	50
70	Analytical Evaluation of Uplink Fractional Frequency Reuse. IEEE Transactions on Communications, 2013, 61, 2098-2108.	4.9	49
71	Uplink Power Control in Multi-Cell Spatial Multiplexing Wireless Systems. IEEE Transactions on Wireless Communications, 2007, 6, 2700-2711.	6.1	47
72	Millimeter-Wave Full Duplex Radios: New Challenges and Techniques. IEEE Wireless Communications, 2021, 28, 36-43.	6.6	47

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73	Downlink Femtocell Networks: Open or Closed?. , 2011, , .		46
74	Belief Propagation for Distributed Downlink Beamforming in Cooperative MIMO Cellular Networks. IEEE Transactions on Wireless Communications, 2011, 10, 4140-4149.	6.1	44
75	Multicast Outage Probability and Transmission Capacity of Multihop Wireless Networks. IEEE Transactions on Information Theory, 2011, 57, 4344-4358.	1.5	41
76	On Association Cells in Random Heterogeneous Networks. IEEE Wireless Communications Letters, 2014, 3, 70-73.	3.2	41
77	Connectivity of Millimeter Wave Networks With Multi-Hop Relaying. IEEE Wireless Communications Letters, 2015, 4, 209-212.	3.2	41
78	Performance of Dynamic and Static TDD in Self-Backhauled Millimeter Wave Cellular Networks. IEEE Transactions on Wireless Communications, 2017, 16, 6460-6478.	6.1	39
79	An Efficient Design of Doubly Selective Channel Estimation for OFDM Systems. IEEE Transactions on Wireless Communications, 2007, 6, 3790-3802.	6.1	37
80	Spatial Multiplexing in Cellular MIMO-CDMA Systems with Linear Receivers: Outage Probability and Capacity. IEEE Transactions on Wireless Communications, 2007, 6, 2612-2621.	6.1	36
81	A Unified Asymptotic Analysis of Area Spectral Efficiency in Ultradense Cellular Networks. IEEE Transactions on Information Theory, 2019, 65, 1236-1248.	1.5	36
82	Unified Analysis of HetNets Using Poisson Cluster Processes Under Max-Power Association. IEEE Transactions on Wireless Communications, 2019, 18, 3797-3812.	6.1	36
83	Online Antenna Tuning in Heterogeneous Cellular Networks With Deep Reinforcement Learning. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 1113-1124.	4.9	34
84	Sensitive White Space Detection with Spectral Covariance Sensing. IEEE Transactions on Wireless Communications, 2010, 9, 2945-2955.	6.1	33
85	Gains of Restricted Secondary Licensing in Millimeter Wave Cellular Systems. IEEE Journal on Selected Areas in Communications, 2016, 34, 2935-2950.	9.7	31
86	High Dimensional Channel Estimation Using Deep Generative Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 18-30.	9.7	31
87	Spectral efficiency limits in pilot-assisted cooperative communications. , 2012, , .		30
88	Hand Grip Impact on 5G mmWave Mobile Devices. IEEE Access, 2019, 7, 60532-60544.	2.6	30
89	Wideband Channel Estimation With a Generative Adversarial Network. IEEE Transactions on Wireless Communications, 2021, 20, 3049-3060.	6.1	29
90	Efficient Transmit Antenna Selection for Multiuser MIMO Systems with Block Diagonalization. , 2007, , .		28

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91	Throughput Maximization for Delay-Sensitive Random Access Communication. IEEE Transactions on Wireless Communications, 2019, 18, 709-723.	6.1	28
92	Outage Probability for Heterogeneous Cellular Networks with Biased Cell Association. , 2011, , .		27
93	Modeling Infrastructure Sharing in mmWave Networks With Shared Spectrum Licenses. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 328-343.	4.9	26
94	CTH07-1: Effect of Feedback Delay on Multi-Antenna Limited Feedback for Temporally-Correlated Channels. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	25
95	Joint Downlink/Uplink RF Wake-Up Solution for IoT Over Cellular Networks. IEEE Transactions on Wireless Communications, 2018, 17, 1574-1588.	6.1	25
96	Autoencoder-Based Error Correction Coding for One-Bit Quantization. IEEE Transactions on Communications, 2020, 68, 3440-3451.	4.9	24
97	Inter-Operator Base Station Coordination in Spectrum-Shared Millimeter Wave Cellular Networks. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 513-528.	4.9	23
98	Hybrid Beamforming for Millimeter Wave Full-Duplex Under Limited Receive Dynamic Range. IEEE Transactions on Wireless Communications, 2021, 20, 7758-7772.	6.1	23
99	A Deep Reinforcement Learning Framework for Contention-Based Spectrum Sharing. IEEE Journal on Selected Areas in Communications, 2021, 39, 2526-2540.	9.7	23
100	Fundamentals of Inter-Cell Overhead Signaling in Heterogeneous Cellular Networks. IEEE Journal on Selected Topics in Signal Processing, 2012, 6, 257-269.	7.3	22
101	Machine Learning-Assisted Beam Alignment for mmWave Systems. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1142-1155.	4.9	21
102	MIMO Broadcast Channels with Spatial Heterogeneity. IEEE Transactions on Wireless Communications, 2010, 9, 2449-2454.	6.1	20
103	Optimal spectrum partition and mode selection in device-to-device overlaid cellular networks. , 2013, , .		20
104	DeepWiPHY: Deep Learning-Based Receiver Design and Dataset for IEEE 802.11ax Systems. IEEE Transactions on Wireless Communications, 2021, 20, 1596-1611.	6.1	20
105	Multiuser Antenna Partitioning for Cellular MIMOâ€"CDMA Systems. IEEE Transactions on Vehicular Technology, 2007, 56, 2448-2456.	3.9	19
106	Upper bound on the capacity of cognitive radio without cooperation. IEEE Transactions on Wireless Communications, 2009, 8, 4380-4385.	6.1	19
107	Power Loading Using Order Mapping in OFDM Systems With Limited Feedback. IEEE Signal Processing Letters, 2008, 15, 545-548.	2.1	18
108	Learning Link Schedules in Self-Backhauled Millimeter Wave Cellular Networks. IEEE Transactions on Wireless Communications, 2020, 19, 8024-8038.	6.1	18

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109	CTH03-2: Balancing Pilot and Data Power for Adaptive MIMO-OFDM Systems. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	17
110	Transmission capacity of multi-antenna ad hoc networks with CSMA. , 2010, , .		17
111	Correlation of link outages in low-mobility spatial wireless networks. , 2010, , .		17
112	A Stochastic-Geometry Approach to Coverage in Cellular Networks with Multi-Cell Cooperation. , 2011, , .		17
113	User Arrival in MIMO Interference Alignment Networks. IEEE Transactions on Wireless Communications, 2012, 11, 842-851.	6.1	17
114	An Upper Bound on Multihop Transmission Capacity With Dynamic Routing Selection. IEEE Transactions on Information Theory, 2012, 58, 3751-3765.	1.5	17
115	Optimizing the spatial content caching distribution for device-to-device communications. , 2016, , .		17
116	Deep Learning Predictive Band Switching in Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 96-109.	6.1	17
117	The Capacity Gain from Base Station Cooperative Scheduling in a MIMO DPC Cellular System. , 2006, , .		15
118	Carrier aggregation in heterogeneous cellular networks. , 2013, , .		15
119	Machine Learning-Assisted Beam Alignment for mmWave Systems. , 2019, , .		15
120	Femtocell Access Control in the TDMA/OFDMA Uplink. , 2010, , .		14
121	A Graphical Model Approach to Downlink Cooperative MIMO Systems. , 2010, , .		14
122	Analog Equalization for Low Power 60 GHz Receivers in Realistic Multipath Channels. , 2010, , .		13
123	Ergodic Transmission Capacity of Wireless Ad Hoc Networks with Interference Management. IEEE Transactions on Wireless Communications, 2012, 11, 2136-2147.	6.1	13
124	Outage of Periodic Downlink Wireless Networks With Hard Deadlines. IEEE Transactions on Communications, 2019, 67, 1238-1253.	4.9	13
125	Achievable throughput of multi-mode multiuser MIMO with imperfect CSI constraints. , 2009, , .		12
126	MIMO Interference Alignment in Random Access Networks. IEEE Transactions on Communications, 2013, 61, 5042-5055.	4.9	12

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127	Improved Performance Analysis for Maximal Ratio Combining in Asynchronous CDMA Channels. IEEE Transactions on Wireless Communications, 2007, 6, 3297-3305.	6.1	11
128	Resource-redistributive opportunistic scheduling for wireless systems. IEEE Transactions on Wireless Communications, 2009, 8, 3510-3522.	6.1	11
129	The Effect of Interference Cancellation on Spectrum-Sharing Transmission Capacity. , 2011, , .		11
130	Adaptive rate control over multiple spatial channels in ad hoc networks. , 2008, , .		10
131	Throughput Scaling Laws for Wireless Ad Hoc Networks with Relay Selection. , 2009, , .		10
132	When Does the Wyner Model Accurately Describe an Uplink Cellular Network?. , 2010, , .		10
133	An Analytical Framework for Modeling a Spatially Repulsive Cellular Network. IEEE Transactions on Communications, 2018, 66, 862-874.	4.9	10
134	Two-Stage Learning for Uplink Channel Estimation in One-Bit Massive MIMO. , 2019, , .		10
135	Cellular Communication with Randomly Placed Distributed Antennas. , 2007, , .		9
136	SDMA with a Sum Feedback Rate Constraint. , 2007, , .		9
137	Spatial Interference Cancellation for Mobile Ad Hoc Networks: Perfect CSI. , 2008, , .		9
138	A new method for computing the transmission capacity of non-Poisson wireless networks. , 2010, , .		9
139	Approaching Large-System Limits Faster in Multiuser MIMO with Adaptive Channel Feedback Adjustments. IEEE Communications Letters, 2010, 14, 1125-1127.	2.5	8
140	Spectral efficiency of massive MIMO systems with D2D underlay. , 2015, , .		8
141	Multiuser Limited Feedback for Wireless Multi-Antenna Communication. , 2007, , .		7
142	Low-Complexity User and Antenna Selection for Multiuser MIMO Systems with Block Diagonalization. , 2007, , .		7
143	Sharing multiple messages over mobile networks. , 2011, , .		7
144	Delay-Constrained Random Access Transport Capacity. IEEE Transactions on Wireless Communications, 2013, 12, 1628-1639.	6.1	7

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145	Impact of Dual Slope Path Loss on User Association in HetNets. , 2015, , .		7
146	Correction Factor for Analysis of MIMO Wireless Networks With Highly Directional Beamforming. IEEE Wireless Communications Letters, 2018, 7, 756-759.	3.2	7
147	Unfolded Hybrid Beamforming With GAN Compressed Ultra-Low Feedback Overhead. IEEE Transactions on Wireless Communications, 2021, 20, 8381-8392.	6.1	7
148	Coverage in Terahertz Cellular Networks with Imperfect Beam Alignment. , 2021, , .		7
149	Downlink MIMO Block Diagonalization in the Presence of Other-Cell Interference. , 2007, , .		6
150	Spatial interference cancelation for mobile ad hoc networks: Imperfect CSI. , 2008, , .		6
151	Cooperative Spectral Covariance Sensing under Correlated Shadowing. IEEE Transactions on Wireless Communications, 2011, 10, 3589-3593.	6.1	6
152	Directional Cell Search Delay Analysis for Cellular Networks With Static Users. IEEE Transactions on Communications, 2018, 66, 4318-4332.	4.9	6
153	A Novel Deep Reinforcement Learning Algorithm for Online Antenna Tuning. , 2019, , .		6
154	Compressed Representation of High Dimensional Channels using Deep Generative Networks. , 2020, , .		6
155	UTMobileNetTraffic2021: A Labeled Public Network Traffic Dataset. IEEE Networking Letters, 2021, 3, 156-160.	1.5	6
156	Transmission capacity of wireless ad hoc networks with channel variations. , 2006, , .		5
157	WLCp1-16: Capacity of Opportunistic Space Division Multiple Access with Beam Selection. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	5
158	Information outage probability and diversity order of symmetric coordinate interleaved orthogonal designs. IEEE Transactions on Wireless Communications, 2008, 7, 1501-1506.	6.1	5
159	In-vivo communication using blood vessels as the transport channel. , 2009, , .		5
160	Interference models for heterogenous sources. , 2012, , .		5
161	Inter-cell relay cooperation in heterogeneous cellular uplink systems. , 2008, , .		4
162	Coverage in Tiered Cellular Networks with Spatial Diversity. , 2009, , .		4

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163	A general approach to SINR-based performance metrics with application to D2D and carrier aggregation. , 2013, , .		4
164	Can operators simply share millimeter wave spectrum licenses?. , 2016, , .		4
165	Reliable Low Resolution OFDM Receivers via Deep Learning. , 2018, , .		4
166	Experience-Centric Mobile Video Scheduling Through Machine Learning. IEEE Access, 2019, 7, 113017-113030.	2.6	4
167	Learning-based Delay Optimization for Self-Backhauled Millimeter Wave Cellular Networks. , 2019, , .		4
168	High Rate Communication over One-Bit Quantized Channels via Deep Learning and LDPC Codes. , 2020, , .		4
169	Sample-Efficient Learning of Cellular Antenna Parameter Settings. , 2021, , .		4
170	28 GHz Phased Array-Based Self-Interference Measurements for Millimeter Wave Full-Duplex. , 2022, , .		4
171	Successive interference cancellation in a low-earth orbit satellite system. International Journal of Satellite Communications and Networking, 2003, 21, 65-77.	1.2	3
172	WLC11-4: Power Control for Cellular MIMO Systems. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	3
173	Ergodic spatial throughput of wireless ad hoc networks with Markovian fading channels. , 2011, , .		3
174	Asymptotic Analysis of Area Spectral Efficiency in Dense Cellular Networks. , 2018, , .		3
175	Comments on â€œCoverage Analysis of Multiuser Visible Light Communication Networksâ€. IEEE Transactions on Wireless Communications, 2019, 18, 4605-4606.	6.1	3
176	Escaping the Densification Plateau in Cellular Networks Through mmWave Beamforming. IEEE Wireless Communications Letters, 2020, 9, 1874-1878.	3.2	3
177	Scheduling Observers Over a Shared Channel With Hard Delivery Deadlines. IEEE Transactions on Communications, 2021, 69, 133-148.	4.9	3
178	Single Channel Equivalent Point Processes of Poisson Networks With Multiple Channel Laws. IEEE Communications Letters, 2022, 26, 711-715.	2.5	3
179	WLC25-6: Greedy-Coordinated Scheduling with Resource-Sharing Constraints in Wireless Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
180	Multicast capacity scaling of wireless networks with multicast outage. , 2010, , .		2

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181	Secrecy transmission capacity of decentralized wireless networks. , 2011, , .		2
182	Fundamentals of mobility in cellular networks: Modeling and analysis. , 2012, , .		2
183	On the coverage probability of a spatially correlated network. , 2017, , .		2
184	Fundamental limits of random access communication with retransmissions. , 2017, , .		2
185	Deep Learning-Based Encoder for One-Bit Quantization. , 2019, , .		2
186	Stability of Wireless Random Access Systems. , 2019, , .		2
187	Distributed Proximal Policy Optimization for Contention-Based Spectrum Access. , 2021, , .		2
188	Impact of Blocking Correlation on the Performance of mmWave Cellular Networks. IEEE Transactions on Communications, 2022, 70, 4925-4939.	4.9	2
189	Throughput Scaling of Uplink SDMA with Limited Feedback. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	1
190	Diversity-multiplexing tradeoff of network coding with bidirectional random relaying. , 2009, , .		1
191	Spectral covariance for spectrum sensing, with application to IEEE 808.22. , 2010, , .		1
192	Guard Region Model for Pilot Reuse Analysis in Uplink Massive MIMO Systems. , 2016, , .		1
193	A distributed auction policy for user association in device-to-device caching networks. , 2017, , .		1
194	Spatial Concentration of Caching in Wireless Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2021, 20, 3397-3414.	6.1	1
195	Scaling Laws of Dense Multi-Antenna Cellular Networks. , 2020, , .		1
196	Spatial Indexing for System-Level Evaluation of 5G Heterogeneous Cellular Networks. , 2020, , .		1
197	Improved Bit-Error Analysis for Time-Hopping Spread-Spectrum Impulse Radio Systems. , 2006, , .		0
198	Joint transceiver design for DSTTD with low-complexity precoder and MMSE-OSIC. IEICE Electronics Express, 2009, 6, 490-496.	0.3	0