

# Jamie Evans

## List of Publications by Year in descending order

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216  
papers

4,066  
citations

218677

26  
h-index

175258

52  
g-index

216  
all docs

216  
docs citations

216  
times ranked

2831  
citing authors

#	ARTICLE	IF	CITATIONS
1	SCALE: A Low-Complexity Distributed Protocol for Spectrum Balancing in Multiuser DSL Networks. IEEE Transactions on Information Theory, 2009, 55, 3711-3724.	2.4	331
2	Large system performance of linear multiuser receivers in multipath fading channels. IEEE Transactions on Information Theory, 2000, 46, 2059-2078.	2.4	255
3	Low-Complexity Distributed Algorithms for Spectrum Balancing in Multi-User DSL Networks. , 2006, , .		218
4	Reconfigurable Intelligent Surface Assisted Two-Way Communications: Performance Analysis and Optimization. IEEE Transactions on Communications, 2020, 68, 6552-6567.	7.8	169
5	Distributed Downlink Beamforming With Cooperative Base Stations. IEEE Transactions on Information Theory, 2008, 54, 5491-5499.	2.4	163
6	Effective bandwidth-based admission control for multiservice CDMA cellular networks. IEEE Transactions on Vehicular Technology, 1999, 48, 36-46.	6.3	146
7	On the teletraffic capacity of CDMA cellular networks. IEEE Transactions on Vehicular Technology, 1999, 48, 153-165.	6.3	122
8	Scaling results on the sum capacity of cellular networks with MIMO links. IEEE Transactions on Information Theory, 2006, 52, 3264-3274.	2.4	119
9	Optimal and Distributed Protocols for Cross-Layer Design of Physical and Transport Layers in MANETs. IEEE/ACM Transactions on Networking, 2008, 16, 1392-1405.	3.8	104
10	Kalman filtering with faded measurements. Automatica, 2009, 45, 2223-2233.	5.0	103
11	Optimal Energy Harvesting Protocols for Wireless Relay Networks. IEEE Transactions on Wireless Communications, 2016, 15, 5789-5803.	9.2	99
12	Multiuser Transmit Beamforming via Regularized Channel Inversion: A Large System Analysis. , 2008, , .		87
13	Performance Analysis for Optical OFDM Transmission in Short-Range IM/DD Systems. Journal of Lightwave Technology, 2012, 30, 974-983.	4.6	80
14	Optimal power control for Rayleigh-faded multiuser systems with outage constraints. IEEE Transactions on Wireless Communications, 2005, 4, 2705-2715.	9.2	79
15	Optimal Selective Feedback Policies for Opportunistic Beamforming. IEEE Transactions on Information Theory, 2013, 59, 2897-2913.	2.4	73
16	Compressed Sensing With Prior Information: Information-Theoretic Limits and Practical Decoders. IEEE Transactions on Signal Processing, 2013, 61, 427-439.	5.3	63
17	Theoretical Characterization of Nonlinear Clipping Effects in IM/DD Optical OFDM Systems. IEEE Transactions on Communications, 2012, 60, 2304-2312.	7.8	60
18	Distributed Decoding in a Cellular Multiple-Access Channel. IEEE Transactions on Wireless Communications, 2008, 7, 241-250.	9.2	59

#	ARTICLE	IF	CITATIONS
19	Image-enhanced multiple model tracking. Automatica, 1999, 35, 1769-1786.	5.0	51
20	Diversity Combining for Asymmetrically Clipped Optical OFDM in IM/DD Channels. , 2009, , .		47
21	Physical-Layer Security in Full-Duplex Multi-Hop Multi-User Wireless Network With Relay Selection. IEEE Transactions on Wireless Communications, 2019, 18, 1216-1232.	9.2	47
22	Decision Fusion Over Noncoherent Fading Multiaccess Channels. IEEE Transactions on Signal Processing, 2011, 59, 4367-4380.	5.3	46
23	Large system analysis of linear multistage parallel interference cancellation. IEEE Transactions on Communications, 2002, 50, 1778-1786.	7.8	40
24	Downlink Beamforming with Transmit-Side Channel Correlation: A Large System Analysis. , 2011, , .		39
25	Performance Analysis of Dual-Hop OFDM Relay Systems with Subcarrier Mapping. , 2008, , .		37
26	Time-switching energy harvesting in relay networks. , 2015, , .		36
27	Hidden Markov model state estimation with randomly delayed observations. IEEE Transactions on Signal Processing, 1999, 47, 2157-2166.	5.3	35
28	Optimal sensor scheduling for hidden Markov model state estimation. International Journal of Control, 2001, 74, 1737-1742.	1.9	35
29	Throughput Maximization for Multi-Hop Decode-and-Forward Relay Network With Wireless Energy Harvesting. IEEE Access, 2018, 6, 24582-24595.	4.2	35
30	Optical signal-to-noise ratio monitoring using uncorrelated beat noise. IEEE Photonics Technology Letters, 2005, 17, 2484-2486.	2.5	33
31	Multi-User Relay Selection for Full-Duplex Radio. IEEE Transactions on Communications, 2019, 67, 955-972.	7.8	31
32	Chromatic dispersion and PMD mitigation at 10 Gb/s using Viterbi equalization for DPSK and DQPSK modulation formats. Optics Express, 2007, 15, 5271.	3.4	29
33	Maximizing the Sum Rate in Symmetric Networks of Interfering Links. IEEE Transactions on Information Theory, 2010, 56, 4471-4487.	2.4	27
34	Transmit beamforming with cooperative base stations. , 2005, , .		24
35	On Kalman Smoothing With Random Packet Loss. IEEE Transactions on Signal Processing, 2008, 56, 3346-3351.	5.3	24
36	Asymptotics and Power Allocation for State Estimation Over Fading Channels. IEEE Transactions on Aerospace and Electronic Systems, 2011, 47, 611-633.	4.7	24

#	ARTICLE	IF	CITATIONS
37	Physical Layer Security for Intelligent Reflecting Surface Assisted Two-Way Communications. IEEE Communications Letters, 2021, 25, 2156-2160.	4.1	24
38	Successive Decoding of Anti-Periodic OFDM Signals in IM/DD Optical Channel. , 2010, , .		23
39	Outage-based optimal power control for generalized multiuser fading channels. IEEE Transactions on Communications, 2006, 54, 693-703.	7.8	22
40	Decentralized Relay Selection in Multi-User Multihop Decode-and-Forward Relay Networks. IEEE Transactions on Wireless Communications, 2018, 17, 3313-3326.	9.2	22
41	Distributed decoding in a cellular multiple-access channel. , 0, , .		21
42	Optimal Power Allocation and User Loading for Multiuser MISO Channels with Regularized Channel Inversion. IEEE Transactions on Communications, 2013, 61, 5030-5041.	7.8	21
43	On Optimal Downlink Coverage in Poisson Cellular Networks with Power Density Constraints. IEEE Transactions on Communications, 2014, 62, 1382-1392.	7.8	20
44	Beamformer design for wireless energy transfer with fairness. , 2016, , .		19
45	Finite-Dimensional Filters for Passive Tracking of Markov Jump Linear Systems. Automatica, 1998, 34, 765-770.	5.0	18
46	Optimal power control in wireless data networks with outage-based utility guarantees. , 0, , .		17
47	Buffer-Aided Relaying Improves Throughput of Full-Duplex Relay Networks With Fixed-Rate Transmissions. IEEE Communications Letters, 2016, 20, 2446-2449.	4.1	17
48	Optimal resource allocation for pilot symbol aided multiuser receivers in Rayleigh faded CDMA channels. IEEE Transactions on Communications, 2002, 50, 1316-1325.	7.8	16
49	Base Station Cooperation With Feedback Optimization: A Large System Analysis. IEEE Transactions on Information Theory, 2014, 60, 3620-3644.	2.4	16
50	Power Allocation for Distributed Detection Systems in Wireless Sensor Networks with Limited Fusion Center Feedback. IEEE Transactions on Communications, 2018, , 1-1.	7.8	16
51	Energy-Efficient Relay Assignment and Power Control in Multi-User and Multi-Relay Networks. IEEE Wireless Communications Letters, 2018, 7, 1070-1073.	5.0	16
52	Diffusive Mobile MC With Absorbing Receivers: Stochastic Analysis and Applications. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2019, 5, 84-99.	2.1	16
53	Optimal sensor scheduling for Hidden Markov models. , 0, , .		15
54	Distributed Downlink Beamforming in Cellular Networks. , 2007, , .		15

#	ARTICLE	IF	CITATIONS
55	Maximal Lifetime Power and Rate Allocation for Wireless Sensor Systems With Data Distortion Constraints. IEEE Transactions on Signal Processing, 2008, 56, 2076-2090.	5.3	15
56	Secrecy rate maximization for cooperative overlay cognitive radio networks with artificial noise. , 2014, , .		15
57	On the Outage Capacity of Opportunistic Beamforming With Random User Locations. IEEE Transactions on Communications, 2014, 62, 3015-3026.	7.8	15
58	Exact Outage Analysis of Multiple-User Downlink With MIMO Matched-Filter Precoding. IEEE Communications Letters, 2017, 21, 2754-2757.	4.1	15
59	Improved iterative parallel interference cancellation for coded CDMA systems. , 0, , .		14
60	Performance analysis of pilot symbol aided QAM for Rayleigh fading channels. , 0, , .		14
61	Performance analysis of LMMSE receivers for M-ary QAM in Rayleigh faded CDMA channels. IEEE Transactions on Vehicular Technology, 2003, 52, 1242-1253.	6.3	14
62	Distributed Spectrum Sensing for Cognitive Radio Networks Based on the Sphericity Test. IEEE Transactions on Communications, 2019, 67, 1831-1844.	7.8	14
63	Distributed Cross-Layer Optimization of MANETs in Composite Fading. , 2006, , .		13
64	Optimal strategies for distributed detection over multiaccess channels. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	13
65	Optimal Power-Splitting Ratio for Wireless Energy Harvesting in Relay Networks. , 2015, , .		13
66	Performance Evaluation of Optical OFDM Systems with Nonlinear Clipping Distortion. , 2009, , .		12
67	Diffusive Mobile MC for Controlled-Release Drug Delivery with Absorbing Receiver. , 2019, , .		12
68	Mixture Detectors for Improved Spectrum Sensing. IEEE Transactions on Wireless Communications, 2020, 19, 4335-4348.	9.2	12
69	Call admission control in multiple service DS-CDMA cellular networks. , 0, , .		11
70	Distributed Base Station Processing in the Uplink of Cellular Networks. , 2006, , .		11
71	Maximising sum rate for two interfering wireless links. , 2008, , .		11
72	Modelling interference in high altitude platforms with 3D LoS massive MIMO. , 2016, , .		11

#	ARTICLE	IF	CITATIONS
73	Latency Minimization with Optimum Workload Distribution and Power Control for Fog Computing. , 2020, , .		11
74	Distributed linear multiuser detection in cellular networks based on Kalman smoothing. , 0, , .		10
75	Optimal multistage linear multiuser receivers. IEEE Transactions on Wireless Communications, 2005, 4, 1092-1101.	9.2	10
76	Dynamic Multi-User MIMO scheduling with limited feedback in LTE-Advanced. , 2012, , .		10
77	Design of Distributed Detection Schemes for Multiaccess Channels. IEEE Transactions on Aerospace and Electronic Systems, 2012, 48, 1552-1569.	4.7	10
78	An SNR Approximation for Distributed Massive MIMO With Zero Forcing. IEEE Communications Letters, 2015, 19, 1885-1888.	4.1	10
79	Opportunistic Group Antenna Selection in Spatial Modulation Systems. IEEE Transactions on Communications, 2018, 66, 5317-5331.	7.8	10
80	Optimal Detection Interval for Absorbing Receivers in Molecular Communication Systems With Interference. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2020, 6, 184-198.	2.1	10
81	Low-Resolution Quantization in Phase Modulated Systems: Optimum Detectors and Error Rate Analysis. IEEE Open Journal of the Communications Society, 2020, 1, 1000-1021.	6.9	10
82	Optimal Power Control Over Multiple Time-Scale Fading Channels With Service Outage Constraints. IEEE Transactions on Communications, 2005, 53, 708-717.	7.8	9
83	On the Capacity of Cellular Networks with MIMO Links. , 2006, , .		9
84	On Power Allocation for Dual-Hop Amplify-and-Forward OFDM Relay Systems. , 2008, , .		9
85	The feedback-capacity tradeoff for opportunistic beamforming under optimal user selection. Performance Evaluation, 2013, 70, 472-492.	1.2	9
86	Optimal multiuser detection in a cooperative two-cell network. , 2013, , .		9
87	Optimizing User Selection Schemes in Vector Broadcast Channels. IEEE Transactions on Communications, 2015, 63, 565-577.	7.8	9
88	Fractionally Spaced Equalization and Decision Feedback Sequence Detection for Diffusive MC. IEEE Communications Letters, 2021, 25, 117-121.	4.1	9
89	On Minimizing Symbol Error Rate Over Fading Channels With Low-Resolution Quantization. IEEE Transactions on Communications, 2021, 69, 7205-7221.	7.8	9
90	Outage-based power control for generalized multiuser fading channels. , 2004, , .		8

#	ARTICLE	IF	CITATIONS
91	The Feedback-Capacity Tradeoff for Opportunistic Beamforming. , 2011, , .		8
92	Service-Outage Capacity Maximization in Cognitive Radio for Parallel Fading Channels. IEEE Transactions on Communications, 2013, 61, 507-520.	7.8	8
93	Interference in LoS massive MIMO is well approximated by a Beta-mixture. , 2015, , .		8
94	Pilot symbol aided adaptive receiver for Rayleigh faded CDMA channels. , 0, , .		7
95	Probability of Error Analysis for Hidden Markov Model Filtering With Random Packet Loss. IEEE Transactions on Signal Processing, 2007, 55, 809-821.	5.3	7
96	Optimal Binary Power Allocation for Wireless Networks with Local Interference. , 2010, , .		7
97	Optimal SINR-Based Coverage in Poisson Cellular Networks with Power Density Constraints. , 2013, , .		7
98	Angle-of-Arrival-Dependent Interference Modeling in Rician Massive MIMO. IEEE Transactions on Vehicular Technology, 2017, 66, 6171-6183.	6.3	7
99	Truthful Mechanism Design for Wireless Powered Network With Channel Gain Reporting. IEEE Transactions on Communications, 2019, 67, 7966-7979.	7.8	7
100	Two-Way Communications via Reconfigurable Intelligent Surface. , 2020, , .		7
101	Adaptive resource allocation in OFDMA systems with fairness and QoS constraints. European Transactions on Telecommunications, 2007, 18, 549-562.	1.2	6
102	Optimal SNR-based coverage in Poisson cellular networks with power density constraints. , 2013, , .		6
103	On the Bit Error Probability of Optimal Multiuser Detectors in Cooperative Cellular Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 2472-2478.	6.3	6
104	Modeling and Analysis of Opportunistic Beamforming for Poisson Wireless Networks. IEEE Transactions on Wireless Communications, 2016, 15, 3732-3745.	9.2	6
105	Performance Analysis of Reconfigurable Antenna Arrays. IEEE Transactions on Communications, 2017, 65, 2726-2739.	7.8	6
106	Stability and Dynamic Control of Underlay Mobile Edge Networks. IEEE Transactions on Mobile Computing, 2018, 17, 2195-2208.	5.8	6
107	Novel distributed spectrum sensing techniques for cognitive radio networks. , 2018, , .		6
108	Phase Modulated Communication with Low-Resolution ADCs. , 2019, , .		6

#	ARTICLE	IF	CITATIONS
109	Reliability Characterization for SIMO Communication Systems With Low-Resolution Phase Quantization Under Rayleigh Fading. IEEE Open Journal of the Communications Society, 2021, 2, 2660-2679.	6.9	6
110	Exact filters for doubly stochastic AR models with conditionally Poisson observations. IEEE Transactions on Automatic Control, 1999, 44, 794-798.	5.7	5
111	Optimal resource allocation for pilot symbol aided multiuser receivers in Rayleigh faded CDMA channels. , 0, , .		5
112	On the Capacity of Cellular Networks with Global LMMSE Receiver. , 2007, , .		5
113	Error Exponents for Neymanâ€“Pearson Detection of Markov Chains in Noise. IEEE Transactions on Signal Processing, 2007, 55, 5097-5103.	5.3	5
114	Design of distributed detection schemes for multiaccess channels. , 2008, , .		5
115	Maximizing the sum rate in symmetric networks of interfering links. , 2009, , .		5
116	Optimal filtering of doubly stochastic auto-regressive processes. Automatica, 1999, 35, 241-250.	5.0	4
117	Iterative power control and multiuser detection with outage probability constraints. , 0, , .		4
118	Frequency-Correlation Analysis of PMD Emulators With Symmetric Polarization Scrambling. Journal of Lightwave Technology, 2006, 24, 3897-3906.	4.6	4
119	Maximizing the sum rate in symmetric networks of interfering links under flat power constraints. , 2008, , .		4
120	On Kalman filtering with faded measurements. , 2008, , .		4
121	Decision Fusion over Noncoherent Fading Multiaccess Channels. , 2008, , .		4
122	Burst Erasure Correction Capabilities of (n,n-1) Convolutional Codes. , 2009, , .		4
123	The Optimal Observability of Partially Observable Markov Decision Processes: Discrete State Space. IEEE Transactions on Automatic Control, 2010, 55, 2793-2798.	5.7	4
124	Optimal training for Time-Division Duplexed systems with transmit beamforming. , 2011, , .		4
125	Service-Outage Capacity Maximization in Cognitive Radio. , 2011, , .		4
126	Optimal power allocation for multiuser transmit beamforming via regularized channel inversion. , 2011, , .		4



#	ARTICLE	IF	CITATIONS
127	Base station cooperation with limited feedback: A large system analysis. , 2012, , .		4
128	Transmission rank selection for opportunistic beamforming with Quality of Service constraints. , 2014, , .		4
129	Analytical handle for ZF reception in distributed massive MIMO. , 2016, , .		4
130	Performance Analysis of Centralized and Partially Decentralized Co-Operative Networks. IEEE Transactions on Communications, 2016, 64, 863-875.	7.8	4
131	Decentralized relay selection in two-user multihop decode-and-forward relay networks. , 2017, , .		4
132	Relay Selection in Full-Duplex Multiple-User Wireless Networks. , 2017, , .		4
133	Physical-Layer Security in Full-Duplex Multi-User Relay Networks. , 2018, , .		4
134	Zero-Error Capacity of Multiple Access Channels via Nonstochastic Information. , 2019, , .		4
135	Is Phase Shift Keying Optimal for Channels with Phase-Quantized Output?. , 2021, , .		4
136	Finite dimensional filters for random parameter AR models. , 1997, , .		3
137	Power Control and Multiuser Diversity in Multiple Access Channels with Two Time-Scale Fading. , 0, , .		3
138	An Adaptive Resource Allocation Algorithm for Multiuser OFDM. , 0, , .		3
139	Maximal Lifetime Rate and Power Allocation for Sensor Networks with Data Distortion Constraints. , 2007, , .		3
140	Capacity of OFDM systems in Nakagami-m fading channels: The role of channel frequency selectivity. , 2008, , .		3
141	Rate optimal limited feedback policies for the MIMO downlink. , 2011, , .		3
142	Base station cooperation with noisy analog channel feedback: A large system analysis. , 2012, , .		3
143	Opportunistic Beamforming with Precoder Diversity in Multi-User MIMO Systems. , 2013, , .		3
144	Binary Power Allocation in Symmetric Wyner-Type Interference Networks. IEEE Transactions on Wireless Communications, 2014, 13, 6903-6914.	9.2	3

#	ARTICLE	IF	CITATIONS
145	Uplink coverage and spatial blocking in Poisson cellular networks. , 2014, , .		3
146	Error probability bounds for interference-limited cooperative networks. , 2014, , .		3
147	Distribution of number of users per cell in a poisson wireless network with shadowing. , 2016, , .		3
148	Chemical Reactions-based Detection Mechanism for Molecular Communications. , 2020, , .		3
149	Energy-Efficiency Fairness of Interference Multi-Relay Networks for Multi-User Communications. IEEE Communications Letters, 2021, 25, 955-959.	4.1	3
150	On the Capacity-Achieving Input of Channels With Phase Quantization. IEEE Transactions on Information Theory, 2022, 68, 5866-5888.	2.4	3
151	Effective interference: a novel approach for interference modelling and traffic analysis in CDMA cellular networks. , 0, , .		2
152	Continuous and discrete time filters for Markov jump linear systems with Gaussian observations. , 0, , .		2
153	A multiple model framework for image-enhanced tracking of maneuvering targets. , 1998, , .		2
154	Blind adaptive detection for CDMA systems based on regularized independent component analysis. , 0, , .		2
155	Large system performance of second-order linear multistage CDMA receivers. IEEE Transactions on Wireless Communications, 2003, 2, 591-600.	9.2	2
156	Information capacity of wyner's cellular network with LMMSE receivers. , 2004, , .		2
157	Transactions Letters - Outage Capacity and Optimal Power Allocation for Multiple Time-Scale Parallel Fading Channels. IEEE Transactions on Wireless Communications, 2007, 6, 2369-2373.	9.2	2
158	On Optimal Power Allocation for a Class of Interference Networks. , 2010, , .		2
159	How much training is needed in fading multiple access channels?. , 2011, , .		2
160	Vector broadcast channels: Optimality of threshold feedback policies. , 2011, , .		2
161	Vector broadcast channels: Optimal threshold selection problem. , 2011, , .		2
162	Transmission mode selection in a heterogeneous network using opportunistic beamforming. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
163	Outage capacity of opportunistic beamforming with random user locations. , 2013, , .		2
164	Multi-cell opportunistic beamforming in interference-limited networks. , 2014, , .		2
165	On the sum capacity of cluster-based cooperative cellular networks. , 2015, , .		2
166	Distributed LMMSE estimation in cooperative cellular networks. , 2015, , .		2
167	On Uplink User Capacity for Massive MIMO Cellular Networks. , 2016, , .		2
168	Energy Allocation and Energy Harvesting in Wireless Relay Networks with Hybrid Protocol. , 2017, , .		2
169	Interference Modeling in an Urban Microcell With Full-Dimensional MIMO. IEEE Transactions on Vehicular Technology, 2018, 67, 1347-1362.	6.3	2
170	Optimal Detection Interval for Absorbing Receivers in Molecular Communication Systems with Interference. , 2018, , .		2
171	A Novel and Tractable Antenna Selection in Spatial Modulation Systems. , 2018, , .		2
172	Order-statistics based analysis of distributed antenna systems with limited RF chains. , 2018, , .		2
173	Location-Based Optimum Relay Selection in Random Spatial Networks. , 2019, , .		2
174	Centralized Scheduling with Sum-Rate optimization in Flexible Half-Duplex Networks. , 2020, , .		2
175	Selection Combining for Multi-Antenna Communication with Low-Resolution ADCs. , 2021, , .		2
176	Optimum Location-Based Relay Selection in Wireless Networks. IEEE Transactions on Information Theory, 2021, 67, 6223-6242.	2.4	2
177	Sum-Rate Optimization in Flexible Half-Duplex Networks With Transmitter/Receiver Scheduling. IEEE Transactions on Wireless Communications, 2022, 21, 4711-4724.	9.2	2
178	Adaptive Opportunistic Spatial Modulation for Boosting Transmit Diversity. IEEE Transactions on Communications, 2022, 70, 4286-4298.	7.8	2
179	On the Capacity-Achieving Input of the Gaussian Channel With Polar Quantization. IEEE Transactions on Communications, 2022, 70, 5912-5928.	7.8	2
180	Band Preference Design Algorithms for Improved Iterative Water-Filling. , 2007, , .		1

#	ARTICLE	IF	CITATIONS
181	An Improved Upperbound for $(n, k, m)$ Systematic Convolutional Codes in Burst Erasure Channels. , 2009, , .		1
182	A Tone Reservation-Based Optical OFDM System for Short-Range IM/DD Transmission. Journal of Lightwave Technology, 2011, 29, 3824-3833.	4.6	1
183	Turbo base stations. , 0, , 77-127.		1
184	Optimal selective feedback policies for opportunistic beamforming under peak feedback constraints. , 2012, , .		1
185	Spatial blocking in Poisson cellular networks with random channel reuse. , 2013, , .		1
186	Modified semi-orthogonal User Scheduling scheme with optimized user selection parameter. , 2013, , .		1
187	Error Probability Bounds for Multiuser Detection in Cooperative Cellular Networks. , 2013, , .		1
188	Maximizing the Coverage-Intensity Product in random cellular networks. , 2014, , .		1
189	Symbol Error Probability of Cluster-Based Cooperative Cellular Networks. , 2016, , .		1
190	On the symbol error probability for QPSK with quantized observations. , 2017, , .		1
191	Impact of residual self-interference and direct-link interference on full-duplex relays. , 2017, , .		1
192	Limited-Feedback Distributed Relay Selection for Random Spatial Wireless Networks. , 2019, , .		1
193	Resource Allocation in Dynamic DF Relay for SWIPT Network with Circuit Power Consumption. , 2019, , .		1
194	Binary Power Optimality for Two Link Full-Duplex Network. , 2020, , .		1
195	An Optimal Tone Reservation Method for IM/DD Optical OFDM Transmission in Multimode Fiber. , 2011, , .		1
196	Filters for reconstruction of higher order moments. , 0, , .		0
197	Reduced complexity decoding algorithms for linear block codes. , 0, , .		0
198	Large system analysis of pilot symbol aided channel estimation in Rayleigh faded CDMA channels. , 0, , .		0

#	ARTICLE	IF	CITATIONS
199	MMSE Estimators for Cellular Networks with Cooperating Base Stations. , 0, , .		0
200	PMD mitigation at 10 Gb/s using viterbi equalizer for DPSK and DQPSK modulation formats. , 2006, , .		0
201	Viterbi Equalizer for Chromatic Dispersion and PMD Mitigation in DPSK and DQPSK Systems at 10 Gb/s. , 2006, , .		0
202	Error Exponents for Neyman-Pearson Detection of Markov Chains in Noise. , 2007, , .		0
203	Power efficient state estimation using multiple sensors. , 2008, , .		0
204	A Distributed Hybrid Filter for target tracking in sensor networks. , 2009, , .		0
205	Linear programming for tone reservation based IM/DD optical OFDM communications. , 2011, , .		0
206	Performance of multi-mode transmission with finite rate feedback in MIMO broadcast systems. , 2013, , .		0
207	On the bit error probability for interference limited cooperative networks. , 2013, , .		0
208	A word from the general and technical program co-chair. , 2014, , .		0
209	On the energy efficiency of coherent communication in multipath fading channels. , 2014, , .		0
210	Energy Modeling and Optimization of Cooperative Dual-Relay Systems. , 2016, , .		0
211	Beamforming for total energy maximization in MISO networks. , 2016, , .		0
212	Interference scaling in multi-cell network with rate guarantees. , 2016, , .		0
213	SIR coverage in an uplink poisson cellular network with LoS massive MIMO. , 2016, , .		0
214	Energy Modelling and Optimization of Amplify-and-Forward Relay Transmission. , 2017, , .		0
215	Performance analysis of massive MIMO networks with random unitary pilot matrices. , 2018, , .		0
216	Separation of Control and Data Transmissions in 5G Networks May Not be Beneficial. IEEE Transactions on Wireless Communications, 2021, 20, 4159-4173.	9.2	0