

On the Stability of Static Poisson Networks Under Rand

IEEE Transactions on Communications

64, 2985-2998

DOI: [10.1109/tcomm.2016.2577678](https://doi.org/10.1109/tcomm.2016.2577678)

Citation Report

#	ARTICLE	IF	CITATIONS
1	On the Stability of a Full-Duplex Aloha Network. IEEE Communications Letters, 2016, 20, 2398-2401.	4.1	5
2	Complementary Networking for C-RAN: Spectrum Efficiency, Delay and System Cost. IEEE Transactions on Wireless Communications, 2017, 16, 4639-4653.	9.2	12
3	Spatiotemporal Stochastic Modeling of IoT Enabled Cellular Networks: Scalability and Stability Analysis. IEEE Transactions on Communications, 2017, , 1-1.	7.8	105
4	On the Aloha throughput-fairness tradeoff. IEEE Transactions on Information Theory, 2017, , 1-1.	2.4	6
5	Heterogeneous Cellular Networks With Spatio-Temporal Traffic: Delay Analysis and Scheduling. IEEE Journal on Selected Areas in Communications, 2017, 35, 1373-1386.	14.0	211
6	First Mile Challenges for Large-Scale IoT. , 2017, 55, 138-144.		29
7	Fundamental limits of random access communication with retransmissions. , 2017, , .		2
8	Toward a Tractable Delay Analysis in Ultra-Dense Networks. , 2017, 55, 103-109.		42
9	On the scalability of uncoordinated multiple access for the Internet of Things. , 2017, , .		16
10	Performance Analysis of Full-Duplex Relay Channel with Random Access. , 2017, , .		0
11	A New Spatio-Temporal Model for Random Access in Massive IoT Networks. , 2017, , .		7
12	Stable Throughput and Delay Analysis of a Random Access Network With Queue-Aware Transmission. IEEE Transactions on Wireless Communications, 2018, 17, 3170-3184.	9.2	39
13	5G Ultradense Networks With Nonuniform Distributed Users. IEEE Transactions on Vehicular Technology, 2018, 67, 2660-2670.	6.3	27
14	Tradeoff Between Delay and Physical Layer Security in Wireless Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 1635-1647.	14.0	38
15	An Analytical Model for Flow-Level Performance in Heterogeneous Wireless Networks. IEEE Transactions on Wireless Communications, 2018, 17, 1488-1501.	9.2	7
16	Spatiotemporal Model for Uplink IoT Traffic: Scheduling and Random Access Paradox. IEEE Transactions on Wireless Communications, 2018, 17, 8357-8372.	9.2	34
17	Age of Information in Poisson Networks. , 2018, , .		24
18	Analysis of Packet Throughput in Small Cell Networks Under Clustered Dynamic TDD. IEEE Transactions on Wireless Communications, 2018, 17, 5729-5742.	9.2	23

#	ARTICLE	IF	CITATIONS
19	Delay and Physical Layer Security Tradeoff in Large Wireless Networks. , 2018, , .		2
20	Random Access Analysis for Massive IoT Networks Under a New Spatio-Temporal Model: A Stochastic Geometry Approach. IEEE Transactions on Communications, 2018, 66, 5788-5803.	7.8	66
21	Analyzing Random Access Collisions in Massive IoT Networks. IEEE Transactions on Wireless Communications, 2018, 17, 6853-6870.	9.2	71
22	Traffic Matching in 5G Ultra-Dense Networks. IEEE Communications Magazine, 2018, 56, 100-105.	6.1	49
23	Wireless Networks for Mobile Edge Computing: Spatial Modeling and Latency Analysis. IEEE Transactions on Wireless Communications, 2018, 17, 5225-5240.	9.2	122
24	Mean Delay Analysis of MIMO-ZFBF Multiplexing in Random Networks Under LOS/NLOS Path-Loss Model. IEEE Transactions on Wireless Communications, 2018, 17, 5282-5299.	9.2	8
25	QoE and Cost for Wireless Networks With Mobility Under Spatio-Temporal Traffic. IEEE Access, 2019, 7, 47206-47220.	4.2	11
26	The Meta Distribution of SINR for Small Cell Networks with Temporal Traffic. , 2019, , .		5
27	Performance Analysis and Optimization of a N^{S} -Class Bipolar Network. IEEE Access, 2019, 7, 135118-135132.	4.2	10
28	Stable Throughput Region and Average Delay Analysis of Uplink NOMA Systems With Unsaturated Traffic. IEEE Transactions on Communications, 2019, 67, 8475-8488.	7.8	7
29	Spatio-Temporal Analysis for SINR Coverage in Small Cell Networks. IEEE Transactions on Communications, 2019, 67, 5520-5531.	7.8	45
30	Uncoordinated Massive Wireless Networks: Spatiotemporal Models and Multiaccess Strategies. IEEE/ACM Transactions on Networking, 2019, 27, 918-931.	3.8	35
31	Toward a Unified Framework for Analysis of Multi-RAT Heterogeneous Wireless Networks. Wireless Communications and Mobile Computing, 2019, 2019, 1-19.	1.2	5
33	Stability of Wireless Random Access Systems. , 2019, , .		2
34	Throughput Maximization for Delay-Sensitive Random Access Communication. IEEE Transactions on Wireless Communications, 2019, 18, 709-723.	9.2	28
35	On the Effect of Uplink Power Control on Temporal Retransmission Diversity. IEEE Wireless Communications Letters, 2019, 8, 309-312.	5.0	8
36	Analysis of Packet Throughput in Spatiotemporal HetNets with Scheduling and Various Traffic Loads. IEEE Wireless Communications Letters, 2020, 9, 95-98.	5.0	12
37	A Tractable Coverage Analysis in Dynamic Downlink Cellular Networks. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
38	SIR Coverage Analysis in Multi-Cell Downlink Systems With Spatially Correlated Queues. <i>IEEE Access</i> , 2020, 8, 99832-99845.	4.2	6
39	Characterizing IoT Networks With Asynchronous Time-Sensitive Periodic Traffic. <i>IEEE Wireless Communications Letters</i> , 2020, 9, 1696-1700.	5.0	10
40	Throughput of CDM-Based Random Access With SINR Capture. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 15046-15056.	6.3	3
41	Performance Analysis in Heterogeneous Networks with Spatiotemporal Traffic and Scheduling. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2901.	2.5	0
43	Massive MIMO Networks With Spatio-Temporal Traffic: Scheduling Mechanism Optimization. <i>IEEE Communications Letters</i> , 2020, 24, 2339-2343.	4.1	5
44	Performance Analysis for Wireless Stochastic Networks With Dynamic Traffic and Packet Retransmission. <i>IEEE Transactions on Communications</i> , 2020, 68, 2370-2380.	7.8	3
45	Downlink Analysis of NOMA-Enabled Cellular Networks With 3GPP-Inspired User Ranking. <i>IEEE Transactions on Wireless Communications</i> , 2020, 19, 3796-3811.	9.2	13
46	Spatiotemporal Characterization of Usersâ€™ Experience in Massive Cognitive Radio Networks. <i>IEEE Access</i> , 2020, 8, 57114-57125.	4.2	9
47	Optimized Caching and Spectrum Partitioning for D2D Enabled Cellular Systems With Clustered Devices. <i>IEEE Transactions on Communications</i> , 2020, 68, 4358-4374.	7.8	12
48	Interference Management and Duplex Mode Selection in In-Band Full Duplex D2D Communications: A Stochastic Geometry Approach. <i>IEEE Transactions on Mobile Computing</i> , 2021, 20, 2212-2223.	5.8	9
49	Stochastic geometry approach towards interference management and control in cognitive radio network: A survey. <i>Computer Communications</i> , 2021, 166, 174-195.	5.1	11
50	RACH in Self-Powered NB-IoT Networks: Energy Availability and Performance Evaluation. <i>IEEE Transactions on Communications</i> , 2021, 69, 1750-1764.	7.8	3
51	Spatio-temporal Modeling for Massive and Sporadic Access. <i>IEEE Journal on Selected Areas in Communications</i> , 2021, 39, 638-651.	14.0	27
52	Analysis of Random Access in NB-IoT Networks With Three Coverage Enhancement Groups: A Stochastic Geometry Approach. <i>IEEE Transactions on Wireless Communications</i> , 2021, 20, 549-564.	9.2	17
53	A Unified Framework for SINR Analysis in Poisson Networks With Traffic Dynamics. <i>IEEE Transactions on Communications</i> , 2021, 69, 326-339.	7.8	15
54	Spatio-Temporal Analysis of Meta Distribution for Cell-Center/Cell-Edge Users. <i>IEEE Transactions on Communications</i> , 2021, 69, 8256-8270.	7.8	6
55	How wireless queues benefit from motion: an analysis of the continuum between zero and infinite mobility. <i>IEEE Transactions on Wireless Communications</i> , 2021, , 1-1.	9.2	1
56	Uniqueness of Stationary Distributions in Random Access Poisson Networks. <i>IEEE Communications Letters</i> , 2021, , 1-1.	4.1	1

#	ARTICLE	IF	CITATIONS
57	Grant-Free Opportunistic Uplink Transmission in Wireless-Powered IoT: A Spatio-Temporal Model. IEEE Transactions on Communications, 2021, 69, 991-1006.	7.8	12
58	Queue Analysis with Finite Buffer by Stochastic Geometry in Downlink Cellular Networks. , 2021, , .		2
59	Spatiotemporal Modeling of Massive MIMO Systems With Mixed-Type IoT Devices: Scheduling Optimization With Delay Constraints. IEEE Internet of Things Journal, 2021, 8, 10146-10159.	8.7	5
60	Spatio-Temporal Wireless D2D Network With Beamforming. , 2021, , .		3
61	Stochastic Geometry-based Analysis of the Distribution of Peak Age of Information. , 2021, , .		3
62	Real-Time Sensing and Communication Improvement with Mobile Sensors. , 2021, , .		0
63	Spatial Distribution of the Mean Peak Age of Information in Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 4465-4479.	9.2	41
64	Artificial Intelligence Empowered QoS-Oriented Network Association for Next-Generation Mobile Networks. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 856-870.	7.9	13
65	SGedge: Stochastic Geometry-Based Model for Multi-Access Edge Computing in Wireless Sensor Networks. IEEE Access, 2021, 9, 111238-111248.	4.2	2
66	Collision Analysis of mlot Network with Power Ramping Scheme. , 2018, , .		0
67	Scheduling Optimization for Mixed-type Devices of IoT in Massive MIMO Systems with Spatio-Temporal Traffic. , 2020, , .		0
69	Data Aggregation in Regular Large-Scale IoT Networks: Granularity, Reliability, and Delay Tradeoffs. IEEE Internet of Things Journal, 2022, 9, 17767-17784.	8.7	7
70	A Multi-User Tasks Offloading Scheme for Integrated Edge-Fog-Cloud Computing Environments. IEEE Transactions on Vehicular Technology, 2022, 71, 7487-7502.	6.3	8
71	A Theoretical Framework for Random Access: Stability Regions and Transmission Control. IEEE/ACM Transactions on Networking, 2022, 30, 2173-2200.	3.8	3
72	Temporal Connectivity as a Robustness Measure in NOMA Wireless Networks. , 2022, , .		0
73	Spatio-Temporal Analysis of SINR Meta Distribution for mmWave Heterogeneous Networks Under Geo/G/1 Queues. , 2022, , .		0
74	The μ -stable region analysis in dynamic downlink cellular networks. , 2022, , .		0
75	SINR Meta Distribution for mmWave Heterogeneous Networks under Varying Queue Status: A Spatio-Temporal Analysis. IEEE Transactions on Vehicular Technology, 2022, , 1-18.	6.3	0

#	ARTICLE	IF	CITATIONS
76	Analysis on D2D Heterogeneous Networks with State-Dependent Priority Traffic. Computers, Materials and Continua, 2023, 74, 2981-2998.	1.9	0
77	Practical Byzantine Fault Tolerance-Enhanced Blockchain-Enabled Data Sharing System: Latency and Age of Data Package Analysis. IEEE Transactions on Mobile Computing, 2024, 23, 737-753.	5.8	3
78	On The Grant-Free Random Access in Multicell Massive MIMO Systems: Spatiotemporal Modeling and Backoff Scheme Optimization. IEEE Internet of Things Journal, 2023, , 1-1.	8.7	0
79	Intelligent Traffic Control. Wireless Networks, 2023, , 111-209.	0.5	0
80	Stability Region and Transmission Control of Multi-Cell Aloha Networks. IEEE Transactions on Communications, 2023, 71, 5348-5364.	7.8	1
81	Optimized flexible network architecture creation against 5G communication-based IoT using information-centric wireless computing. Wireless Networks, 2024, 30, 883-907.	3.0	0
82	Spatial Network Calculus and Performance Guarantees in Wireless Networks. , 2023, , .		1