Assessment of LTE Wireless Access for Monitoring of Er Grid

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Citation Report

#	Article	IF	Citations
1	Random Access for Machine-Type Communication Based on Bloom Filtering. , 2016, , .		18
2	Lower Bounds on the LTE-A Average Random Access Delay Under Massive M2M Arrivals. IEEE Transactions on Communications, 2016, 64, 2104-2115.	7.8	54
3	Cellular Communications for Smart Grid Neighborhood Area Networks: A Survey. IEEE Access, 2016, 4, 1469-1493.	4.2	101
4	On the performance of one stage massive random access protocols in 5G systems. , 2016, , .		12
5	LATMAPA: Load-Adaptive Throughput- MAximizing Preamble Allocation for Prioritization in 5G Random Access. IEEE Access, 2017, 5, 1103-1116.	4.2	40
6	Cognitive Radio-Based Smart Grid Traffic Scheduling With Binary Exponential Backoff. IEEE Internet of Things Journal, 2017, 4, 2038-2046.	8.7	14
7	Energy consuption monitoring with smart lamp socket for smart grid via M2M platform. , 2017, , .		1
8	An integrated reconfigurable control and self-organizing communication framework for community resilience microgrids. Electricity Journal, 2017, 30, 27-34.	2.5	20
9	Modeling and analysis of a smart grid monitoring system for renewable energy sources. Solar Energy, 2017, 153, 262-275.	6.1	48
10	Analysis of small packet traffic support in LTE. , 2017, , .		1
11	Pricing-Based Load Control of M2M Traffic for the LTE-A Random Access Channel. IEEE Transactions on Communications, 2017, 65, 1353-1365.	7.8	17
12	Performance analysis of small data transmission schemes for cellular M2M communications. , 2017, , .		4
13	Why your smartphone doesn't work in very crowded environments. , 2017, , .		7
14	Cellular 5G Access for Massive Internet of Things. , 0, , 380-401.		1
15	Optimized LTE data transmission procedures for IoT: Device side energy consumption analysis. , 2017, , .		18
16	Reliability analysis of the random access channel of LTE with access class barring for smart grid monitoring traffic. , 2017, , .		10
17	Impact of Request Aggregation on Machine Type Connection Establishment in LTE-Advanced. , 2017, , .		11
18	A multiple power level random access method for M2M communications in LTEâ€A network. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3137.	3.9	11

ITATION PEDOD

CITATION REPORT

#	Article	IF	CITATIONS
19	Heterogeneous cellular and DSRC networking for Floating Car Data collection in urban areas. Vehicular Communications, 2017, 8, 21-34.	4.0	24
20	Evolution of home energy management and smart metering communications towards 5G. , 2017, , .		8
21	Statistical multiplexing of computations in C-RAN with tradeoffs in latency and energy. , 2017, , .		1
22	Massive machine-type communication (mMTC) access with integrated authentication. , 2017, , .		20
23	Scalability of Vehicular M2M Communications in a 4G Cellular Network. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3113-3120.	8.0	4
24	Ad Hoc LTE Method for Resilient Smart Grid Communications. Wireless Personal Communications, 2018, 98, 3355-3375.	2.7	6
25	Duplicate suppression for efficient floating car data collection in heterogeneous LTE-DSRC vehicular networks. Computer Communications, 2018, 123, 54-64.	5.1	14
26	Security for 4G and 5G cellular networks: A survey of existing authentication and privacy-preserving schemes. Journal of Network and Computer Applications, 2018, 101, 55-82.	9.1	190
27	Design of load optimal control algorithm for smart grid based on demand response in different scenarios. Open Physics, 2018, 16, 1046-1055.	1.7	6
28	Latency-Energy Tradeoff Based on Channel Scheduling and Repetitions in NB-IoT Systems. , 2018, , .		19
29	A Multidisciplinary Approach for the Development of Smart Distribution Networks. Energies, 2018, 11, 2530.	3.1	18
30	Closed form Expressions for the Performance Metrics of Data Services in Cellular Networks. , 2018, , .		1
32	Dynamic Joint Resource Allocation and Femtocell Selection for 5G HetNet. Lecture Notes in Computer Science, 2018, , 90-101.	1.3	3
33	A Simple Model of MTC in Smart Factories. , 2018, , .		4
34	FRESH: FReshness-Aware Energy-Efficient ScHeduler for Cellular IoT Systems. , 2019, , .		7
35	Communications and internet of things for microgrids, smart buildings, and homes. , 2019, , 243-273.		3
36	On Throughput Maximization of Grant-Free Access with Reliability-Latency Constraints. , 2019, , .		7
37	Performance evaluation of communication technologies and network structure for smart grid applications. IET Communications, 2019, 13, 1025-1033.	2.2	25

CITATION REPORT

#	Article	IF	CITATIONS
38	An Analytical Performance Evaluation Framework for NB-IoT. IEEE Internet of Things Journal, 2019, 6, 7232-7240.	8.7	26
39	Wireless Access in Ultra-Reliable Low-Latency Communication (URLLC). IEEE Transactions on Communications, 2019, 67, 5783-5801.	7.8	282
40	Analytical Modeling and Experimental Validation of NB-IoT Device Energy Consumption. IEEE Internet of Things Journal, 2019, 6, 5691-5701.	8.7	39
41	Distributed Dynamic Cluster-Head Selection and Clustering for Massive IoT Access in 5G Networks. Applied Sciences (Switzerland), 2019, 9, 132.	2.5	11
42	Interference identification in smart grid communications. World Wide Web, 2019, 22, 2177-2207.	4.0	5
43	Long-Range Low-Power Wireless Networks and Sampling Strategies in Electricity Metering. IEEE Transactions on Industrial Electronics, 2019, 66, 1629-1637.	7.9	49
44	Limitations and sidelink-based extensions of 3GPP cellular access protocols for very crowded environments. Computer Networks, 2020, 168, 107046.	5.1	5
45	Relaying-Assisted Communications for Demand Response in Smart Grid: Cost Modeling, Game Strategies, and Algorithms. IEEE Journal on Selected Areas in Communications, 2020, 38, 48-60.	14.0	6
46	Performance Analysis of Periodic Cellular-IoT Communication with Immediate Release of Radio Resources. , 2020, , .		1
47	Faults in smart grid systems: Monitoring, detection and classification. Electric Power Systems Research, 2020, 189, 106602.	3.6	77
48	Resource Allocation for mMTC/H2H Coexistence with H2H's Success Probability of Data Transmission. , 2020, , .		2
50	Microgrid Control, Storage, and Communication Strategies to Enhance Resiliency for Survival of Critical Load. IEEE Access, 2020, 8, 169047-169069.	4.2	40
51	Research on Efficient Collection Method of Blackout Data in Distribution Network. Journal of Physics: Conference Series, 2020, 1549, 052030.	0.4	1
52	Performance of Orthogonal Beamforming with NOMA for Smart Grid Communication in the Presence of Impulsive Noise. Arabian Journal for Science and Engineering, 2020, 45, 6331-6345.	3.0	5
53	A Simple Model of MTC Flows Applied to Smart Factories. IEEE Transactions on Mobile Computing, 2021, 20, 2906-2923.	5.8	6
54	Shared LTE Network Performance on Smart Grid and Typical Traffic Schemes. IEEE Access, 2020, 8, 39793-39808.	4.2	5
55	A Throughput and Energy Efficiency Scheme for Unlicensed Massive Machine Type Communications â€. Sensors, 2020, 20, 2357.	3.8	2
56	SCUBA: An In-Device Multiplexed Protocol for Sidelink Communication on Unlicensed Bands. IEEE Internet of Things Journal, 2021, 8, 16637-16652.	8.7	2

CITATION REPORT

#	Article	IF	CITATIONS
57	S-ALOHA Systems with Successive Transmission: Emulating CSMA System. IEEE Transactions on Communications, 2021, , 1-1.	7.8	0
58	An Analytical Model for Assessing the Performance of NB-IoT. , 2021, , .		1
59	A link adaptation scheme for reliable downlink communications in narrowband IoT. Microelectronics Journal, 2021, 114, 105154.	2.0	3
60	Electrical Internet of Things - EloT: A Platform for the Data Management in Electrical Systems. Advances in Intelligent Systems and Computing, 2020, , 49-65.	0.6	1
61	Monitoring Strategy of Smart Grid Based on Genetic Algorithms. Lecture Notes in Electrical Engineering, 2020, , 1349-1355.	0.4	0
62	Device Access Optimization for Virtual Power Plants in Heterogeneous Networks. IEEE Transactions on Smart Grid, 2022, 13, 1478-1489.	9.0	10
63	Event-Driven Data Acquisition for Electricity Metering: A Tutorial. IEEE Sensors Journal, 2022, 22, 5495-5503.	4.7	3
64	Performance Analysis of Mobile Cellular Networks Accommodating Cellular-IoT Communications with Immediate Release of Radio Resources. IEICE Transactions on Communications, 2022, E105.B, 1477-1486.	0.7	0
65	A Cyber–Physical–Social Perspective on Future Smart Distribution Systems. Proceedings of the IEEE, 2023, 111, 694-724.	21.3	6
66	Microgrid to smart grid's evolution: Technical challenges, current solutions, and future scopes. Energy Science and Engineering, 2023, 11, 874-928.	4.0	5
67	Hybrid Traffic Scheduling in 5G and Time-Sensitive Networking Integrated Networks for	2.5	2

Communications of Virtual Power Plants. Applied Sciences (Switzerland), 2023, 13, 7953. 67