Jorge Navarro-Ortiz

List of Publications by Year
in descending order

38 papers	1,222 citations	623734 14 h-index	642732 23 g-index
39 all docs	39 docs citations	39 times ranked	1279 citing authors

#	Article	IF	Citations
1	A LoRaWAN Network Architecture with MQTT2MULTICAST. Electronics (Switzerland), 2022, 11, 872.	3.1	2
2	A LoRaWAN Architecture for Communications in Areas without Coverage: Design and Pilot Trials. Electronics (Switzerland), 2022, 11, 804.	3.1	5
3	Performance Modeling of Softwarized Network Services Based on Queuing Theory With Experimental Validation. IEEE Transactions on Mobile Computing, 2021, 20, 1558-1573.	5.8	17
4	Collision Avoidance Resource Allocation for LoRaWAN. Sensors, 2021, 21, 1218.	3.8	21
5	Backhaul-Aware Dimensioning and Planning of Millimeter-Wave Small Cell Networks. Electronics (Switzerland), 2020, 9, 1429.	3.1	1
6	Radio Access Network Slicing Strategies at Spectrum Planning Level in 5G and Beyond. IEEE Access, 2020, 8, 79604-79618.	4.2	20
7	A Survey on 5G Usage Scenarios and Traffic Models. IEEE Communications Surveys and Tutorials, 2020, 22, 905-929.	39.4	391
8	Testbeds for Future Wireless Networks. Wireless Communications and Mobile Computing, 2019, 2019, 1-2.	1.2	2
9	A LoRaWAN Testbed Design for Supporting Critical Situations: Prototype and Evaluation. Wireless Communications and Mobile Computing, 2019, 2019, 1-12.	1.2	10
10	An Analytical Performance Evaluation Framework for NB-IoT. IEEE Internet of Things Journal, 2019, 6, 7232-7240.	8.7	26
11	Improving Hardware Security for LoRaWAN. , 2019, , .		4
12	Integration of LoRaWAN and 4G/5G for the Industrial Internet of Things. , 2018, 56, 60-67.		123
13	Smart Infant Incubator Based on LoRa Networks. , 2018, , .		8
14	Analytic Analysis of Narrowband IoT Coverage Enhancement Approaches. , 2018, , .		27
15	An architecture for the 5G control plane based on SDN and data distribution service. , 2018, , .		7
16	Low-cost wearable bluetooth sensor for epileptic episodes detection. , 2017, , .		5
17	Narrowband IoT Data Transmission Procedures for Massive Machine-Type Communications. IEEE Network, 2017, 31, 8-15.	6.9	102
18	Interference Bound for Local Channel Allocation. Wireless Personal Communications, 2017, 92, 1559-1574.	2.7	0

#	Article	IF	Citations
19	3GPP QoS-based scheduling framework for LTE. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	25
20	Link-level access cloud architecture design based on SDN for 5G networks. IEEE Network, 2015, 29, 24-31.	6.9	44
21	Dynamic Deployment of Small Cells in TV White Spaces. IEEE Transactions on Vehicular Technology, 2015, 64, 4063-4073.	6.3	10
22	Removing redundant TCP functionalities in wiredâ€cumâ€wireless networks with IEEE 802.11e HCCA support. International Journal of Communication Systems, 2014, 27, 3352-3367.	2.5	2
23	Characteristics of mobile youtube traffic. IEEE Wireless Communications, 2014, 21, 18-25.	9.0	53
24	Simulation-based performance study of YouTube service in 3G LTE. , 2013, , .		2
25	A QoE-Aware Scheduler for HTTP Progressive Video in OFDMA Systems. IEEE Communications Letters, 2013, 17, 677-680.	4.1	24
26	Video Tester — A multiple-metric framework for video quality assessment over IP networks. , 2012, , .		9
27	Analysis and modelling of YouTube traffic. Transactions on Emerging Telecommunications Technologies, 2012, 23, 360-377.	3.9	103
28	A Simple Model for Predicting the Number and Duration of Rebuffering Events for YouTube Flows. IEEE Communications Letters, 2012, 16, 278-280.	4.1	19
29	Traffic models impact on OFDMA scheduling design. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	36
30	User-Level Quality Assessment of a Delay-Aware Packet Dropping Scheme for VoIP. Network Protocols and Algorithms, 2011, 3, .	1.0	5
31	QoE oriented cross-layer design of a resource allocation algorithm in beyond 3G systems. Computer Communications, 2010, 33, 571-582.	5.1	80
32	Quality of experience based resource sharing in IEEE 802.11e HCCA. , 2010, , .		9
33	An 802.11e HCCA scheduler with an end-to-end quality aware territory method. Computer Communications, 2009, 32, 1281-1297.	5.1	2
34	End-to-End Service Performance Analysis. , 2006, , 139-185.		4
35	Throughput estimation for EGPRS services based on GSM network measurements. , 0, , .		1
36	Signaling capacity in GSM & (E)GPRS networks. , 0, , .		0

#	Article	IF	Citations
37	Control Channels Performance and Dimensioning. , 0, , 425-466.		0
38	Servicio centralizado de proyecciÃ³n de material docente. , 0, , .		0