Jorge Navarro-Ortiz

List of Publications by Year
in descending order

38	1,222	623734	642732
papers	citations	14	23
		h-index	g-index

39	39	39	1279
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on 5G Usage Scenarios and Traffic Models. IEEE Communications Surveys and Tutorials, 2020, 22, 905-929.	39.4	391
2	Integration of LoRaWAN and 4G/5G for the Industrial Internet of Things. , 2018, 56, 60-67.		123
3	Analysis and modelling of YouTube traffic. Transactions on Emerging Telecommunications Technologies, 2012, 23, 360-377.	3.9	103
4	Narrowband IoT Data Transmission Procedures for Massive Machine-Type Communications. IEEE Network, 2017, 31, 8-15.	6.9	102
5	QoE oriented cross-layer design of a resource allocation algorithm in beyond 3G systems. Computer Communications, 2010, 33, 571-582.	5.1	80
6	Characteristics of mobile youtube traffic. IEEE Wireless Communications, 2014, 21, 18-25.	9.0	53
7	Link-level access cloud architecture design based on SDN for 5G networks. IEEE Network, 2015, 29, 24-31.	6.9	44
8	Traffic models impact on OFDMA scheduling design. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	36
9	Analytic Analysis of Narrowband IoT Coverage Enhancement Approaches. , 2018, , .		27
10	An Analytical Performance Evaluation Framework for NB-IoT. IEEE Internet of Things Journal, 2019, 6, 7232-7240.	8.7	26
11	3GPP QoS-based scheduling framework for LTE. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	25
12	A QoE-Aware Scheduler for HTTP Progressive Video in OFDMA Systems. IEEE Communications Letters, 2013, 17, 677-680.	4.1	24
13	Collision Avoidance Resource Allocation for LoRaWAN. Sensors, 2021, 21, 1218.	3.8	21
14	Radio Access Network Slicing Strategies at Spectrum Planning Level in 5G and Beyond. IEEE Access, 2020, 8, 79604-79618.	4.2	20
15	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
16	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
17	Dynamic Deployment of Small Cells in TV White Spaces. IEEE Transactions on Vehicular Technology, 2015, 64, 4063-4073.	6.3	10
18	A LoRaWAN Testbed Design for Supporting Critical Situations: Prototype and Evaluation. Wireless Communications and Mobile Computing, 2019, 2019, 1-12.	1.2	10

#	Article	IF	Citations
19	Quality of experience based resource sharing in IEEE 802.11e HCCA. , 2010, , .		9
20	Video Tester — A multiple-metric framework for video quality assessment over IP networks. , 2012, , .		9
21	Smart Infant Incubator Based on LoRa Networks. , 2018, , .		8
22	An architecture for the 5G control plane based on SDN and data distribution service. , 2018, , .		7
23	User-Level Quality Assessment of a Delay-Aware Packet Dropping Scheme for VoIP. Network Protocols and Algorithms, 2011, 3, .	1.0	5
24	Low-cost wearable bluetooth sensor for epileptic episodes detection. , 2017, , .		5
25	A LoRaWAN Architecture for Communications in Areas without Coverage: Design and Pilot Trials. Electronics (Switzerland), 2022, 11, 804.	3.1	5
26	End-to-End Service Performance Analysis. , 2006, , 139-185.		4
27	Improving Hardware Security for LoRaWAN. , 2019, , .		4
28	An 802.11e HCCA scheduler with an end-to-end quality aware territory method. Computer Communications, 2009, 32, 1281-1297.	5.1	2
29	Simulation-based performance study of YouTube service in 3G LTE. , 2013, , .		2
30	Removing redundant TCP functionalities in wired–cum–wireless networks with IEEE 802.11e HCCA support. International Journal of Communication Systems, 2014, 27, 3352-3367.	2.5	2
31	Testbeds for Future Wireless Networks. Wireless Communications and Mobile Computing, 2019, 2019, 1-2.	1.2	2
32	A LoRaWAN Network Architecture with MQTT2MULTICAST. Electronics (Switzerland), 2022, 11, 872.	3.1	2
33	Throughput estimation for EGPRS services based on GSM network measurements. , 0, , .		1
34	Backhaul-Aware Dimensioning and Planning of Millimeter-Wave Small Cell Networks. Electronics (Switzerland), 2020, 9, 1429.	3.1	1
35	Signaling capacity in GSM & (E)GPRS networks. , 0, , .		0
36	Control Channels Performance and Dimensioning. , 0, , 425-466.		0

#	Article	IF	Citations
37	Interference Bound for Local Channel Allocation. Wireless Personal Communications, 2017, 92, 1559-1574.	2.7	0
38	Servicio centralizado de proyecciÃ³n de material docente. , 0, , .		0