Juan Jose Ramos-Munoz

List of Publications by Year
in descending order

27 papers	1,630 citations	933447 10 h-index	752698 20 g-index
27 all docs	27 docs citations	27 times ranked	1932 citing authors

#	Article	IF	Citations
1	Network Slicing for 5G with SDN/NFV: Concepts, Architectures, and Challenges. , 2017, 55, 80-87.		594
2	A Survey on 5G Usage Scenarios and Traffic Models. IEEE Communications Surveys and Tutorials, 2020, 22, 905-929.	39.4	391
3	Automated Network Service Scaling in NFV: Concepts, Mechanisms and Scaling Workflow. IEEE Communications Magazine, 2018, 56, 162-169.	6.1	141
4	Analysis and modelling of YouTube traffic. Transactions on Emerging Telecommunications Technologies, 2012, 23, 360-377.	3.9	103
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	Modeling and Dimensioning of a Virtualized MME for 5G Mobile Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 4383-4395.	6.3	50
8	Link-level access cloud architecture design based on SDN for 5G networks. IEEE Network, 2015, 29, 24-31.	6.9	44
9	Handover implementation in a 5G SDN-based mobile network architecture. , 2016, , .		36
10	Analytical modeling for Virtualized Network Functions. , 2017, , .		22
11	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
12	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
13	Selective packet dropping for VoIP and TCP flows. Telecommunication Systems, 2011, 46, 1-16.	2.5	13
14	Latency evaluation of a virtualized MME. , 2016, , .		12
15	Harmonizing 3GPP and NFV Description Models: Providing Customized RAN Slices in 5G Networks. IEEE Vehicular Technology Magazine, 2019, 14, 64-75.	3.4	11
16	A LoRaWAN Testbed Design for Supporting Critical Situations: Prototype and Evaluation. Wireless Communications and Mobile Computing, 2019, 2019, 1-12.	1.2	10
17	Virtualized MME Design for IoT Support in 5G Systems. Sensors, 2016, 16, 1338.	3.8	9
18	Reduced M2M signaling communications in 3GPP LTE and future 5G cellular networks. , 2016, , .		9

#	Article	IF	Citations
19	Serial experiments online. Computer Communication Review, 2008, 38, 31-42.	1.8	6
20	Low Delay Multiflow Block Interleavers for Real-Time Audio Streaming. Lecture Notes in Computer Science, 2005, , 909-916.	1.3	2
21	An 802.11e HCCA scheduler with an end-to-end quality aware territory method. Computer Communications, 2009, 32, 1281-1297.	5.1	2
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	A LoRaWAN Network Architecture with MQTT2MULTICAST. Electronics (Switzerland), 2022, 11, 872.	3.1	2
24	Backhaul-Aware Dimensioning and Planning of Millimeter-Wave Small Cell Networks. Electronics (Switzerland), 2020, 9, 1429.	3.1	1
25	Intelligibility Evaluation of a VoIP Multi-flow Block Interleaver. Lecture Notes in Computer Science, 2009, , 200-205.	1.3	1
26	Efficient Allocation for VoIP Packet Losses Detection Services in Programmable and Active Networks. , 2005, , .		0
27	Interference Bound for Local Channel Allocation. Wireless Personal Communications, 2017, 92, 1559-1574.	2.7	0