# Juan Jose Ramos-Munoz

## List of Publications by Year
in descending order

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

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | A LoRaWAN Network Architecture with MQTT2MULTICAST. Electronics (Switzerland), 2022, 11, 872. | 3.1 | 2 |
| 2 | 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 |
| 3 | Backhaul-Aware Dimensioning and Planning of Millimeter-Wave Small Cell Networks. Electronics (Switzerland), 2020, 9, 1429. | 3.1 | 1 |
| 4 | A Survey on 5G Usage Scenarios and Traffic Models. IEEE Communications Surveys and Tutorials, 2020, 22, 905-929. | 39.4 | 391 |
| 5 | Harmonizing 3GPP and NFV Description Models: Providing Customized RAN Slices in 5G Networks. IEEE Vehicular Technology Magazine, 2019, 14, 64-75. | 3.4 | 11 |
| 6 | A LoRaWAN Testbed Design for Supporting Critical Situations: Prototype and Evaluation. Wireless Communications and Mobile Computing, 2019, 2019, 1-12. | 1.2 | 10 |
| 7 | Automated Network Service Scaling in NFV: Concepts, Mechanisms and Scaling Workflow. IEEE Communications Magazine, 2018, 56, 162-169. | 6.1 | 141 |
| 8 | Network Slicing for 5G with SDN/NFV: Concepts, Architectures, and Challenges. , 2017, 55, 80-87. | | 594 |
| 9 | Analytical modeling for Virtualized Network Functions. , 2017, , . | | 22 |
| 10 | Interference Bound for Local Channel Allocation. Wireless Personal Communications, 2017, 92, 1559-1574. | 2.7 | 0 |
| 11 | Modeling and Dimensioning of a Virtualized MME for 5G Mobile Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 4383-4395. | 6.3 | 50 |
| 12 | Virtualized MME Design for IoT Support in 5G Systems. Sensors, 2016, 16, 1338. | 3.8 | 9 |
| 13 | Handover implementation in a 5G SDN-based mobile network architecture. , 2016, , . | | 36 |
| 14 | Latency evaluation of a virtualized MME. , 2016, , . | | 12 |
| 15 | Reduced M2M signaling communications in 3GPP LTE and future 5G cellular networks. , 2016, , . | | 9 |
| 16 | Link-level access cloud architecture design based on SDN for 5G networks. IEEE Network, 2015, 29, 24-31. | 6.9 | 44 |
| 17 | Removing redundant TCP functionalities in wiredâ€‰umâ€‰wireless networks with IEEE 802.11e HCCA support. International Journal of Communication Systems, 2014, 27, 3352-3367. | 2.5 | 2 |
| 18 | Characteristics of mobile youtube traffic. IEEE Wireless Communications, 2014, 21, 18-25. | 9.0 | 53 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Analysis and modelling of YouTube traffic. Transactions on Emerging Telecommunications Technologies, 2012, 23, 360-377. | 3.9 | 103 |
| 20 | 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 |
| 21 | Selective packet dropping for VoIP and TCP flows. Telecommunication Systems, 2011, 46, 1-16. | 2.5 | 13 |
| 22 | QoE oriented cross-layer design of a resource allocation algorithm in beyond 3G systems. Computer Communications, 2010, 33, 571-582. | 5.1 | 80 |
| 23 | An 802.11e HCCA scheduler with an end-to-end quality aware territory method. Computer Communications, 2009, 32, 1281-1297. | 5.1 | 2 |
| 24 | Intelligibility Evaluation of a VoIP Multi-flow Block Interleaver. Lecture Notes in Computer Science, 2009, , 200-205. | 1.3 | 1 |
| 25 | Serial experiments online. Computer Communication Review, 2008, 38, 31-42. | 1.8 | 6 |
| 26 | Low Delay Multiflow Block Interleavers for Real-Time Audio Streaming. Lecture Notes in Computer Science, 2005, , 909-916. | 1.3 | 2 |
| 27 | Efficient Allocation for VoIP Packet Losses Detection Services in Programmable and Active Networks. , 2005, , . | | 0 |