

Jose Oscar Fajardo

List of Publications by Year in descending order

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33
papers

460
citations

1040056

9
h-index

1058476

14
g-index

35
all docs

35
docs citations

35
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Technology pillars in the architecture of future 5G mobile networks: NFV, MEC and SDN. Computer Standards and Interfaces, 2017, 54, 216-228.	5.4	158
2	Improving content delivery efficiency through multi-layer mobile edge adaptation. IEEE Network, 2015, 29, 40-46.	6.9	39
3	Introducing Mobile Edge Computing Capabilities through Distributed 5G Cloud Enabled Small Cells. Mobile Networks and Applications, 2016, 21, 564-574.	3.3	39
4	Video Quality Prediction Models Based on Video Content Dynamics for H.264 Video over UMTS Networks. International Journal of Digital Multimedia Broadcasting, 2010, 2010, 1-17.	0.6	32
5	Video Quality Prediction Model for H.264 Video over UMTS Networks and Their Application in Mobile Video Streaming. , 2010, , .		28
6	Exploitation of Mobile Edge Computing in 5G Distributed Mission-Critical Push-to-Talk Service Deployment. IEEE Access, 2018, 6, 37665-37675.	4.2	23
7	QoE-Oriented Mobile Edge Service Management Leveraging SDN and NFV. Mobile Information Systems, 2017, 2017, 1-14.	0.6	21
8	Service Mapping and Orchestration Over Multi-Tenant Cloud-Enabled RAN. IEEE Transactions on Network and Service Management, 2017, 14, 904-919.	4.9	15
9	QoE-aware optimization of multimedia flow scheduling. Computer Communications, 2013, 36, 1629-1638.	5.1	13
10	Enabling technologies and benefits of multi-tenant multi-service 5G Small Cells. , 2016, , .		13
11	A Robust Optimization Based Energy-Aware Virtual Network Function Placement Proposal for Small Cell 5G Networks with Mobile Edge Computing Capabilities. Mobile Information Systems, 2017, 2017, 1-14.	0.6	11
12	Impact of end devices on subjective video quality assessment for QCIF video sequences. , 2011, , .		9
13	Impact of the video slice size on the visual quality for H.264 over 3G UMTS services. , 2009, , .		9
14	MPLS-VRF integration: forwarding capabilities of BGP/MPLS IP VPN in GNU/Linux. , 2008, , .		7
15	QoE-driven dynamic management proposals for 3G VoIP services. Computer Communications, 2010, 33, 1707-1724.	5.1	7
16	Dealing with Energy-QoE Trade-Offs in Mobile Video. Journal of Computer Networks and Communications, 2013, 2013, 1-12.	1.6	6
17	QoE-driven and network-aware adaptation capabilities in mobile multimedia applications. Multimedia Tools and Applications, 2014, 70, 311-332.	3.9	5
18	QoS-oriented Admission Control in HSDPA networks. Network Protocols and Algorithms, 2009, 1, .	1.0	4

#	ARTICLE	IF	CITATIONS
19	Size-based and channel-aware scheduling algorithm proposal for mean delay optimization in wireless networks. , 2012, , .		4
20	An index rule proposal for scheduling in mobile broadband networks with limited channel feedback. Performance Evaluation, 2017, 117, 130-142.	1.2	4
21	Application of General Perception-Based QoS Model to Find Providers’ Responsibilities. Case Study: User Perceived Web Service Performance.. , 2005, , .		3
22	New Tunneling Capabilities for BGP/MPLS IP VPN in GNU/Linux. , 2008, , .		2
23	Study of the Impact of UMTS Best Effort Parameters on QoE of VoIP Services. , 2009, , .		2
24	An ANFIS-based hybrid quality prediction model for H.264 video over UMTS networks. , 2010, , .		2
25	QoE and energy-awareness for multi-layer video broadcasting. , 2011, , .		2
26	Impact of RLC losses on quality prediction for H.264 video over UMTS networks. , 2010, , .		1
27	Autonomous adaptation strategies for multiuser multimedia transmissions in the LTE uplink: Energy and network performance driven clients for emergency professionals. , 2014, , .		1
28	What Quality Means for Internet Users: A Guide to Selecting your ISP. , 2006, , .		0
29	Delay Modeling for 3G Mobile Multimedia Services QoE Estimation. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 67-80.	0.3	0
30	A lightweight network state estimation mechanism in ARQ-based wireless networks. Telecommunication Systems, 2014, 57, 137-157.	2.5	0
31	Performance-driven evaluation for deploying IMS-based interoperability scenarios. , 2014, , .		0
32	Assessing Internet performance over mobile networks: From theory to practice. , 2016, , .		0
33	Crossâ€‘layer crossâ€‘domain adaptation of mobile video services. EAI Endorsed Transactions on Mobile Communications and Applications, 2012, 12, e4.	0.5	0