Maria-Dolores Cano

List of Publications by Year
in descending order

57 papers	**1,028** citations	567281 **15** h-index	454955 **30** g-index
57 all docs	**57** docs citations	**57** times ranked	**1177** citing authors

#	Article	IF	Citations
1	Performance Evaluation of LoRa Considering Scenario Conditions. Sensors, 2018, 18, 772.	3.8	195
2	State of the Art in LP-WAN Solutions for Industrial IoT Services. Sensors, 2016, 16, 708.	3.8	187
3	Flying Ad Hoc Networks: A New Domain for Network Communications. Sensors, 2018, 18, 3571.	3.8	104
4	Multi-Agent Deep Reinforcement Learning to Manage Connected Autonomous Vehicles at Tomorrow's Intersections. IEEE Transactions on Vehicular Technology, 2022, 71, 7033-7043.	6.3	41
5	WiFi networks on drones. , 2016, , .		40
6	A survey on visual data representation for smart grids control and monitoring. Sustainable Energy, Grids and Networks, 2018, 16, 351-369.	3.9	36
7	Performance Evaluation of BATMAN Routing Protocol for VoIP Services: A QoE Perspective. IEEE Transactions on Wireless Communications, 2014, 13, 4947-4958.	9.2	31
8	IoT System Integrating Unmanned Aerial Vehicles and LoRa Technology: A Performance Evaluation Study. Wireless Communications and Mobile Computing, 2019, 2019, 1-12.	1.2	28
9	Performance Evaluation of Video Streaming Using MPEG DASH, RTSP, and RTMP in Mobile Networks. , 2015, , .		26
10	JOKER: A Novel Opportunistic Routing Protocol. IEEE Journal on Selected Areas in Communications, 2016, 34, 1690-1703.	14.0	25
11	On the use of a multimedia platform for music education with handicapped children: A case study. Computers and Education, 2015, 87, 254-276.	8.3	24
12	Preserving Data Privacy in the Internet of Medical Things Using Dual Signature ECDSA. Security and Communication Networks, 2020, 2020, 1-9.	1.5	24
13	Subjective QoE analysis of VoIP applications inâaâwirelessâcampusâenvironment. Telecommunication Systems, 2012, 49, 5-15.	2.5	22
14	Students' Involvement in Continuous Assessment Methodologies: A Case Study for a Distributed Information Systems Course. IEEE Transactions on Education, 2011, 54, 442-451.	2.4	20
15	A Comparative Performance Evaluation of Routing Protocols for Flying Ad-Hoc Networks in Real Conditions. Applied Sciences (Switzerland), 2021, 11, 4363.	2.5	20
16	A Comparative Study of Web Content Management Systems. Information (Switzerland), 2018, 9, 27.	2.9	18
17	On the Similarities Between Urban Traffic Management and Communication Networks: Application of the Random Early Detection Algorithm for Self-Regulating Intersections. IEEE Intelligent Transportation Systems Magazine, 2017, 9, 48-61.	3.8	15
18	A WiFi-based method to count and locate pedestrians in urban traffic scenarios. , 2018, , .		13

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19	Intelligent IoT systems for traffic management: A practical application. IET Intelligent Transport Systems, 2021, 15, 273-285.	3.0	13
20	A secure energy-efficient m-banking application for mobile devices. Journal of Systems and Software, 2011, 84, 1899-1909.	4.5	11
21	Live video-streaming evaluation using the ITU-T P.1203 QoE model in LTE networks. Computer Networks, 2019, 165, 106967.	5.1	11
22	AIM5LA: A Latency-Aware Deep Reinforcement Learning-Based Autonomous Intersection Management System for 5G Communication Networks. Sensors, 2022, 22, 2217.	3.8	11
23	An approach to a cross layer-based QoE improvement for MANET routing protocols. Network Protocols and Algorithms, 2014, 6, 18.	1.0	10
24	Internet measurements and data study over the regional. , 0, , .		8
25	Proactive Intelligent System for Optimizing Traffic Signaling. , 2016, , .		8
26	Performance validation of NS3-LTE emulation for live video streaming under QoS parameters. , 2017, , .		8
27	An Experimental QoE Performance Study for the Efficient Transmission of High Demanding Traffic over an Ad Hoc Network Using BATMAN. Mobile Information Systems, 2015, 2015, 1-14.	0.6	7
28	A novel holistic approach for performance evaluation in Internet of Things. International Journal of Communication Systems, 2021, 34, e4454.	2.5	7
29	Coordination and agreement among traffic signal controllers in urban areas. , 2016, , .		6
30	Counting and locating people in outdoor environments: a comparative experimental study using WiFi-based passive methods. ITM Web of Conferences, 2019, 24, 01010.	0.5	6
31	Learning From Oracle Demonstrations—A New Approach to Develop Autonomous Intersection Management Control Algorithms Based on Multiagent Deep Reinforcement Learning. IEEE Access, 2022, 10, 53601-53613.	4.2	6
32	Performance evaluation of QoE in VoIP traffic under fading channels. , 2013, , .		5
33	Statistical validation of an LTE emulation tool using live video streaming over reliable transport protocols. Telecommunication Systems, 2019, 71, 491-504.	2.5	5
34	<title>Performance evaluation of profiler mechanisms for the Internet Assured Service</title>. , 2001, 4524, 182.		4
35	A Certification Authority for Elliptic Curve X.509v3 Certificates. , 2007, , .		4
36	Unifying heterogeneous e-learning modalities in a single platform: CADI, a case study. Computers and Education, 2012, 58, 617-630.	8.3	4

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37	A self-adaptive approach for traffic lights control in an urban network. , 2017, , .		4
38	On the Identification and Prediction of Stalling Events to Improve QoE in Video Streaming. Electronics (Switzerland), 2021, 10, 753.	3.1	4
39	Sparking Innovation in a Crisis: An IoT Sensor Location-Based Early Warning System for Pandemic Control. Applied Sciences (Switzerland), 2022, 12, 4407.	2.5	4
40	Statistical Analysis of a Subjective QoE Assessment for VVoIP Applications. ETRI Journal, 2010, 32, 843-853.	2.0	3
41	Counters-Based Modified Traffic Conditioner. Lecture Notes in Computer Science, 2002, , 57-67.	1.3	3
42	On the effect of the physical layer on VoIP Quality of user Experience in wireless networks. , 2013, , .		2
43	Performance analysis of the counters-based modified traffic conditioner in a DiffServ network. , 0, , .		1
44	Proportional Bandwidth Distribution in IP Networks Implementing the Assured Forwarding PHB. , 0, , .		1
45	Experimental Tests on SCTP over IPSec. , 2008, , .		1
46	Traffic shaping trends in optical packet/burst switching networks. , 2008, , .		1
47	QoE Measurements and Analysis for VoIP Services. Advances in Multimedia and Interactive Technologies Book Series, 2016, , 285-308.	0.2	1
48	TAT: traffic analysis tool for the statistical study of IP networks. , 0, , .		0
49	A new algorithm for traffic conditioners to improve proportional fairness in IP networks. AEU - International Journal of Electronics and Communications, 2006, 60, 619-627.	2.9	0
50	Using a remote emulated laboratory in a Distributed Information Systems course. , 2010, , .		0
51	The effect of assessments on a telematics course for Telecommunication Engineers. , 2011, , .		0
52	Improving path failure detection in SCTP using adaptive heartbeat time intervals. Performance Evaluation Review, 2011, 39, 50-52.	0.6	0
53	Qoe-based performance evaluation of video transmission using the BATMAN routing protocol. , 2014, , .		0
54	Traffic Metrics at Urban Intersections using a Low-Cost Image Processing Approach. , 2018, , .		0

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55	Comparative Study of Adaptive Streaming Techniques in LTE Networks Using QoE Metrics. , 2018, , .		0
56	On the Use of Bayesian Networks for Real-Time Urban Traffic Measurements: a Case Study with Low-Cost Devices. Journal of Signal Processing Systems, 2020, , 1.	2.1	0
57	Indoor propagation models for emulated LTE networks. IET Communications, 2020, 14, 480-488.	2.2	0