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	AIM5LA: A Latency-Aware Deep Reinforcement Learning-Based Autonomous Intersection Management System for 5G Communication Networks. Sensors, 2022, 22, 2217.	3.8	11
2	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
3	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
4	Learning From Oracle Demonstrationsâ€"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
5	A novel holistic approach for performance evaluation in Internet of Things. International Journal of Communication Systems, 2021, 34, e4454.	2.5	7
6	On the Identification and Prediction of Stalling Events to Improve QoE in Video Streaming. Electronics (Switzerland), 2021, 10, 753.	3.1	4
7	A Comparative Performance Evaluation of Routing Protocols for Flying Ad-Hoc Networks in Real Conditions. Applied Sciences (Switzerland), 2021, 11, 4363.	2.5	20
8	Intelligent IoT systems for traffic management: A practical application. IET Intelligent Transport Systems, 2021, 15, 273-285.	3.0	13
9	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
10	Preserving Data Privacy in the Internet of Medical Things Using Dual Signature ECDSA. Security and Communication Networks, 2020, 2020, 1-9.	1.5	24
11	Indoor propagation models for emulated LTE networks. IET Communications, 2020, 14, 480-488.	2.2	0
12	Live video-streaming evaluation using the ITU-T P.1203 QoE model in LTE networks. Computer Networks, 2019, 165, 106967.	5.1	11
13	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
14	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
15	Statistical validation of an LTE emulation tool using live video streaming over reliable transport protocols. Telecommunication Systems, 2019, 71, 491-504.	2.5	5
16	Traffic Metrics at Urban Intersections using a Low-Cost Image Processing Approach. , 2018, , .		0
17	A WiFi-based method to count and locate pedestrians in urban traffic scenarios. , 2018, , .		13
18	Comparative Study of Adaptive Streaming Techniques in LTE Networks Using QoE Metrics. , 2018, , .		0

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19	Flying Ad Hoc Networks: A New Domain for Network Communications. Sensors, 2018, 18, 3571.	3.8	104
20	A survey on visual data representation for smart grids control and monitoring. Sustainable Energy, Grids and Networks, 2018, 16, 351-369.	3.9	36
21	A Comparative Study of Web Content Management Systems. Information (Switzerland), 2018, 9, 27.	2.9	18
22	Performance Evaluation of LoRa Considering Scenario Conditions. Sensors, 2018, 18, 772.	3.8	195
23	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
24	A self-adaptive approach for traffic lights control in an urban network. , 2017, , .		4
25	Performance validation of NS3-LTE emulation for live video streaming under QoS parameters. , 2017, , .		8
26	State of the Art in LP-WAN Solutions for Industrial IoT Services. Sensors, 2016, 16, 708.	3.8	187
27	WiFi networks on drones. , 2016, , .		40
28	Coordination and agreement among traffic signal controllers in urban areas. , 2016, , .		6
29	Proactive Intelligent System for Optimizing Traffic Signaling. , 2016, , .		8
30	JOKER: A Novel Opportunistic Routing Protocol. IEEE Journal on Selected Areas in Communications, 2016, 34, 1690-1703.	14.0	25
31	QoE Measurements and Analysis for VoIP Services. Advances in Multimedia and Interactive Technologies Book Series, 2016, , 285-308.	0.2	1
32	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
33	Performance Evaluation of Video Streaming Using MPEG DASH, RTSP, and RTMP in Mobile Networks. , 2015, , .		26
34	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
35	An approach to a cross layer-based QoE improvement for MANET routing protocols. Network Protocols and Algorithms, 2014, 6, 18.	1.0	10
36	Qoe-based performance evaluation of video transmission using the BATMAN routing protocol. , 2014, , .		0

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37	Performance Evaluation of BATMAN Routing Protocol for VoIP Services: A QoE Perspective. IEEE Transactions on Wireless Communications, 2014, 13, 4947-4958.	9.2	31
38	On the effect of the physical layer on VoIP Quality of user Experience in wireless networks. , 2013, , .		2
39	Performance evaluation of QoE in VoIP traffic under fading channels. , 2013, , .		5
40	Unifying heterogeneous e-learning modalities in a single platform: CADI, a case study. Computers and Education, 2012, 58, 617-630.	8.3	4
41	Subjective QoE analysis of VoIP applications inÂaÂwirelessÂcampusÂenvironment. Telecommunication Systems, 2012, 49, 5-15.	2.5	22
42	The effect of assessments on a telematics course for Telecommunication Engineers. , 2011, , .		0
43	Improving path failure detection in SCTP using adaptive heartbeat time intervals. Performance Evaluation Review, 2011, 39, 50-52.	0.6	0
44	A secure energy-efficient m-banking application for mobile devices. Journal of Systems and Software, 2011, 84, 1899-1909.	4.5	11
45	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
46	Statistical Analysis of a Subjective QoE Assessment for VVoIP Applications. ETRI Journal, 2010, 32, 843-853.	2.0	3
47	Using a remote emulated laboratory in a Distributed Information Systems course. , 2010, , .		0
48	Experimental Tests on SCTP over IPSec. , 2008, , .		1
49	Traffic shaping trends in optical packet/burst switching networks. , 2008, , .		1
50	A Certification Authority for Elliptic Curve X.509v3 Certificates. , 2007, , .		4
51	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
52	Counters-Based Modified Traffic Conditioner. Lecture Notes in Computer Science, 2002, , 57-67.	1.3	3
53	<title>Performance evaluation of profiler mechanisms for the Internet Assured Service</title>. , 2001, 4524, 182.		4
54	TAT: traffic analysis tool for the statistical study of IP networks. , 0, , .		0

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55	Internet measurements and data study over the regional. , 0, , .		8
56	Performance analysis of the counters-based modified traffic conditioner in a DiffServ network. , 0, , .		1
57	Proportional Bandwidth Distribution in IP Networks Implementing the Assured Forwarding PHB. , 0, , .		1