Jose M Jimenez

List of Publications by Year
in descending order

58 papers	1,165 citations	686830 13 h-index	433756 31 g-index
61 all docs	61 docs citations	61 times ranked	1129 citing authors

#	Article	IF	Citations
1	LoRa-based Network for Water Quality Monitoring in Coastal Areas. Mobile Networks and Applications, 2023, 28, 65-81.	2.2	20
2	Artificial intelligent system for multimedia services in smart home environments. Cluster Computing, 2022, 25, 2085-2105.	3.5	8
3	DRALBA: Dynamic and Resource Aware Load Balanced Scheduling Approach for Cloud Computing. IEEE Access, 2021, 9, 61283-61297.	2.6	24
4	Wireless Sensor Network to Create a Water Quality Observatory in Coastal Areas. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 100-118.	0.2	1
5	Deployment Strategies of Soil Monitoring WSN for Precision Agriculture Irrigation Scheduling in Rural Areas. Sensors, 2021, 21, 1693.	2.1	55
6	New Protocol and Architecture for a Wastewater Treatment System Intended for Irrigation. Applied Sciences (Switzerland), 2021, 11, 3648.	1.3	5
7	Cluster-Based Communication Protocol and Architecture for a Wastewater Purification System Intended for Irrigation. IEEE Access, 2021, 9, 142374-142389.	2.6	7
8	A WiFi-Based Sensor Network for Flood Irrigation Control in Agriculture. Electronics (Switzerland), 2021, 10, 2454.	1.8	6
9	A Wireless Sensor Network Deployment for Soil Moisture Monitoring in Precision Agriculture. Sensors, 2021, 21, 7243.	2.1	35
10	Development of a Low-Cost Optical Sensor to Detect Eutrophication in Irrigation Reservoirs. Sensors, 2021, 21, 7637.	2.1	5
11	Architecture and Protocol to Optimize Videoconference in Wireless Networks. Wireless Communications and Mobile Computing, 2020, 2020, 1-22.	0.8	0
12	DronAway: A Proposal on the Use of Remote Sensing Drones as Mobile Gateway for WSN in Precision Agriculture. Applied Sciences (Switzerland), 2020, 10, 6668.	1.3	16
13	IoT-Based Smart Irrigation Systems: An Overview on the Recent Trends on Sensors and IoT Systems for Irrigation in Precision Agriculture. Sensors, 2020, 20, 1042.	2.1	321
14	Estimation of the Best Measuring Time for the Environmental Parameters of a Low-Cost Meteorology Monitoring System. Lecture Notes in Networks and Systems, 2020, , 137-144.	0.5	1
15	An overview on IoUT and the performance of WiFi low-cost nodes for IoUT Applications. , 2020, , .		1
16	Practical Design of a WSN to Monitor the Crop and its Irrigation System. Network Protocols and Algorithms, 2019, 10, 35.	1.0	6
17	Network Performance in HTML5 Video Connections. Network Protocols and Algorithms, 2019, 10, 43.	1.0	0
18	Dynamic metric OSPF-based routing protocol for Software Defined Networks. Cluster Computing, 2019, 22, 705-720.	3.5	11

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19	MHCP: Multimedia Hybrid Cloud Computing Protocol and Architecture for Mobile Devices. IEEE Network, 2019, 33, 106-112.	4.9	10
20	Energy Efficiency in Cooperative Wireless Sensor Networks. Mobile Networks and Applications, 2019, 24, 678-687.	2.2	1
21	Energy Savings Consumption on Public Wireless Networks by SDN Management. Mobile Networks and Applications, 2019, 24, 667-677.	2.2	8
22	Intelligent Algorithm for Enhancing MPEG-DASH QoE in eMBMS. Network Protocols and Algorithms, 2018, 9, 94.	1.0	5
23	Interactive Videos in IPTV using Hypervideolinks. Network Protocols and Algorithms, 2018, 9, 77.	1.0	0
24	Experimental Evaluation of a SDN-DMM Architecture. Network Protocols and Algorithms, 2018, 10, 52.	1.0	0
25	Physical Wellbeing Monitoring Employing Non-Invasive Low-Cost and Low-Energy Sensor Socks. Sensors, 2018, 18, 2822.	2.1	10
26	Multimedia Data Flow Traffic Classification Using Intelligent Models Based on Traffic Patterns. IEEE Network, 2018, 32, 100-107.	4.9	13
27	Autonomous video compression system for environmental monitoring. Network Protocols and Algorithms, 2018, 9, 48.	1.0	2
28	Wireless Technologies for IoT in Smart Cities. Network Protocols and Algorithms, 2018, 10, 23.	1.0	66
29	An Intelligent System for Video Surveillance in IoT Environments. IEEE Access, 2018, 6, 31580-31598.	2.6	59
30	OSPF routing protocol performance in Software Defined Networks. , 2017, , .		27
31	SDN-based throughput allocation in wireless networks for heterogeneous adaptive video streaming applications. , 2017, , .		13
32	Including artificial intelligence in a routing protocol using Software Defined Networks. , 2017, , .		77
33	Underwater Ad Hoc Wireless Communication for Video Delivery. Wireless Personal Communications, 2017, 96, 5123-5144.	1.8	2
34	Test Bench to Test Protocols and Algorithms for Multimedia Delivery. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 124-134.	0.2	0
35	Video artifact evaluation based on qos and objective qoe parameters. , 2017, , .		0
36	A New Tool to Test the IP Network Performance. Network Protocols and Algorithms, 2016, 8, 78.	1.0	1

#	Article	IF	Citations
37	Study of Multimedia Delivery over Software Defined Networks. Network Protocols and Algorithms, 2016, 7, 37.	1.0	17
38	Underwater Communications for Video Surveillance Systems at 2.4 GHz. Sensors, 2016, 16, 1769.	2.1	13
39	Multimedia sensors embedded in smartphones for ambient assisted living and e-health. Multimedia Tools and Applications, 2016, 75, 13271-13297.	2.6	26
40	Providing security and fault tolerance in P2P connections between clouds for mHealth services. Peer-to-Peer Networking and Applications, 2016, 9, 876-893.	2.6	8
41	Underwater Acoustic Modems. IEEE Sensors Journal, 2016, 16, 4063-4071.	2.4	199
42	Oceanographic Multisensor Buoy Based on Low Cost Sensors for Posidonia Meadows Monitoring in Mediterranean Sea. Journal of Sensors, 2015, 2015, 1-23.	0.6	22
43	A new IP video delivery system for heterogeneous networks using HTML5. , 2015, , .		0
44	Smart system to detect and track pollution in marine environments. , 2015, , .		8
45	A new algorithm to improve the QoE of IPTV service customers. , 2015, , .		9
46	Cooperative Monitoring of the Delivery of Fresh Products. Lecture Notes in Computer Science, 2015, , 76-86.	1.0	0
47	Blended Learning in a Postgraduate ICT course. , 2015, , .		1
48	MWAHCA: A Multimedia Wireless Ad Hoc Cluster Architecture. Scientific World Journal, The, 2014, 2014, 1-14.	0.8	4
49	Fault Tolerant Mechanism for Multimedia Flows in Wireless Ad Hoc Networks Based on Fast Switching Paths. Mathematical Problems in Engineering, 2014, 2014, 1-12.	0.6	2
50	Optimal codec selection algorithm for audio streaming. , 2014, , .		1
51	A QoS-Based Wireless Multimedia Sensor Cluster Protocol. International Journal of Distributed Sensor Networks, 2014, 10, 480372.	1.3	10
52	Choosing the best video compression codec depending on the recorded environment. , 2014, , .		3
53	A new multimedia-oriented architecture and protocol for wireless ad hoc networks. International Journal of Ad Hoc and Ubiquitous Computing, 2014, 16, 14.	0.3	4
54	A Fault-Tolerant P2P-based Protocol for Logical Networks Interconnection. , 2006, , .		4

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55	802.11g WLANs Design for Rural Environments Video-surveillance. , 0, , .		6
56	A fault-tolerant protocol for railway control systems. , 0, , .		3
57	Public Domain P2P File-Sharing Networks Measurements and Modeling. , 0, , .		2
58	Red de Sensores Inalámbricos de Bajo Consumo Energético en Agricultura Hidropónica. , 0, , .		0