Jose M Jimenez

List of Publications by Year
in descending order

58	1,165	686830	433756
papers	citations	13 h-index	31 g-index

61	61	61	1129
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Underwater Acoustic Modems. IEEE Sensors Journal, 2016, 16, 4063-4071.	2.4	199
3	Including artificial intelligence in a routing protocol using Software Defined Networks. , 2017, , .		77
4	Wireless Technologies for IoT in Smart Cities. Network Protocols and Algorithms, 2018, 10, 23.	1.0	66
5	An Intelligent System for Video Surveillance in IoT Environments. IEEE Access, 2018, 6, 31580-31598.	2.6	59
6	Deployment Strategies of Soil Monitoring WSN for Precision Agriculture Irrigation Scheduling in Rural Areas. Sensors, 2021, 21, 1693.	2.1	55
7	A Wireless Sensor Network Deployment for Soil Moisture Monitoring in Precision Agriculture. Sensors, 2021, 21, 7243.	2.1	35
8	OSPF routing protocol performance in Software Defined Networks. , 2017, , .		27
9	Multimedia sensors embedded in smartphones for ambient assisted living and e-health. Multimedia Tools and Applications, 2016, 75, 13271-13297.	2.6	26
10	DRALBA: Dynamic and Resource Aware Load Balanced Scheduling Approach for Cloud Computing. IEEE Access, 2021, 9, 61283-61297.	2.6	24
11	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
12	LoRa-based Network for Water Quality Monitoring in Coastal Areas. Mobile Networks and Applications, 2023, 28, 65-81.	2.2	20
13	Study of Multimedia Delivery over Software Defined Networks. Network Protocols and Algorithms, 2016, 7, 37.	1.0	17
14	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
15	Underwater Communications for Video Surveillance Systems at 2.4 GHz. Sensors, 2016, 16, 1769.	2.1	13
16	SDN-based throughput allocation in wireless networks for heterogeneous adaptive video streaming applications. , 2017, , .		13
17	Multimedia Data Flow Traffic Classification Using Intelligent Models Based on Traffic Patterns. IEEE Network, 2018, 32, 100-107.	4.9	13
18	Dynamic metric OSPF-based routing protocol for Software Defined Networks. Cluster Computing, 2019, 22, 705-720.	3.5	11

#	Article	IF	Citations
19	A QoS-Based Wireless Multimedia Sensor Cluster Protocol. International Journal of Distributed Sensor Networks, 2014, 10, 480372.	1.3	10
20	Physical Wellbeing Monitoring Employing Non-Invasive Low-Cost and Low-Energy Sensor Socks. Sensors, 2018, 18, 2822.	2.1	10
21	MHCP: Multimedia Hybrid Cloud Computing Protocol and Architecture for Mobile Devices. IEEE Network, 2019, 33, 106-112.	4.9	10
22	A new algorithm to improve the QoE of IPTV service customers. , 2015, , .		9
23	Smart system to detect and track pollution in marine environments. , 2015, , .		8
24	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
25	Energy Savings Consumption on Public Wireless Networks by SDN Management. Mobile Networks and Applications, 2019, 24, 667-677.	2.2	8
26	Artificial intelligent system for multimedia services in smart home environments. Cluster Computing, 2022, 25, 2085-2105.	3.5	8
27	Cluster-Based Communication Protocol and Architecture for a Wastewater Purification System Intended for Irrigation. IEEE Access, 2021, 9, 142374-142389.	2.6	7
28	802.11g WLANs Design for Rural Environments Video-surveillance. , 0, , .		6
29	Practical Design of a WSN to Monitor the Crop and its Irrigation System. Network Protocols and Algorithms, 2019, 10, 35.	1.0	6
30	A WiFi-Based Sensor Network for Flood Irrigation Control in Agriculture. Electronics (Switzerland), 2021, 10, 2454.	1.8	6
31	Intelligent Algorithm for Enhancing MPEG-DASH QoE in eMBMS. Network Protocols and Algorithms, 2018, 9, 94.	1.0	5
32	New Protocol and Architecture for a Wastewater Treatment System Intended for Irrigation. Applied Sciences (Switzerland), 2021, 11, 3648.	1.3	5
33	Development of a Low-Cost Optical Sensor to Detect Eutrophication in Irrigation Reservoirs. Sensors, 2021, 21, 7637.	2.1	5
34	A Fault-Tolerant P2P-based Protocol for Logical Networks Interconnection. , 2006, , .		4
35	MWAHCA: A Multimedia Wireless Ad Hoc Cluster Architecture. Scientific World Journal, The, 2014, 2014, 1-14.	0.8	4
36	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

#	Article	IF	Citations
37	A fault-tolerant protocol for railway control systems. , 0, , .		3
38	Choosing the best video compression codec depending on the recorded environment. , 2014, , .		3
39	Public Domain P2P File-Sharing Networks Measurements and Modeling. , 0, , .		2
40	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
41	Underwater Ad Hoc Wireless Communication for Video Delivery. Wireless Personal Communications, 2017, 96, 5123-5144.	1.8	2
42	Autonomous video compression system for environmental monitoring. Network Protocols and Algorithms, 2018, 9, 48.	1.0	2
43	Optimal codec selection algorithm for audio streaming. , 2014, , .		1
44	A New Tool to Test the IP Network Performance. Network Protocols and Algorithms, 2016, 8, 78.	1.0	1
45	Energy Efficiency in Cooperative Wireless Sensor Networks. Mobile Networks and Applications, 2019, 24, 678-687.	2.2	1
46	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
47	Blended Learning in a Postgraduate ICT course. , 2015, , .		1
48	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
49	An overview on IoUT and the performance of WiFi low-cost nodes for IoUT Applications. , 2020, , .		1
50	A new IP video delivery system for heterogeneous networks using HTML5. , 2015, , .		0
51	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
52	Video artifact evaluation based on qos and objective qoe parameters. , 2017, , .		0
53	Interactive Videos in IPTV using Hypervideolinks. Network Protocols and Algorithms, 2018, 9, 77.	1.0	0
54	Experimental Evaluation of a SDN-DMM Architecture. Network Protocols and Algorithms, 2018, 10, 52.	1.0	0

#	Article	IF	Citations
55	Network Performance in HTML5 Video Connections. Network Protocols and Algorithms, 2019, 10, 43.	1.0	0
56	Architecture and Protocol to Optimize Videoconference in Wireless Networks. Wireless Communications and Mobile Computing, 2020, 2020, 1-22.	0.8	0
57	Cooperative Monitoring of the Delivery of Fresh Products. Lecture Notes in Computer Science, 2015, , 76-86.	1.0	0
58	Red de Sensores InalÃ¡mbricos de Bajo Consumo EnergÃ©tico en Agricultura HidropÃ³nica. , 0, , .		0