

Elsa Maria MacÃ- as LÃ³pez

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

204
citations

1307594

7
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1058476

14
g-index

24
all docs

24
docs citations

24
times ranked

291
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobile Sensing Systems. Sensors, 2013, 13, 17292-17321.	3.8	87
2	Ubiquitous Monitoring of Electrical Household Appliances. Sensors, 2012, 12, 15159-15191.	3.8	21
3	A Hierarchical Communication Architecture for Oceanic Surveillance Applications. Sensors, 2011, 11, 11343-11356.	3.8	14
4	Energy Saving in Smart City Wireless Backbone Network for Environment Sensors. Mobile Networks and Applications, 2019, 24, 700-711.	3.3	13
5	Adaptive Estimation of WiFi RSSI and Its Impact Over Advanced Wireless Services. Mobile Networks and Applications, 2017, 22, 1100-1112.	3.3	10
6	Interference Effects Redress over Power-Efficient Wireless-Friendly Mesh Networks for Ubiquitous Sensor Communications across Smart Cities. Sensors, 2017, 17, 1678.	3.8	8
7	Extending the Battery Life of the ZigBee Routers and Coordinator by Modifying Their Mode of Operation. Sensors, 2020, 20, 30.	3.8	8
8	Architecture and Protocol of a Semantic System Designed for Video Tagging with Sensor Data in Mobile Devices. Sensors, 2012, 12, 2062-2087.	3.8	7
9	Web Spider Defense Technique in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 348606.	2.2	7
10	Low Cost Efficient Delivering Video Surveillance Service to Moving Guard for Smart Home. Sensors, 2018, 18, 745.	3.8	5
11	A Method for Power Saving in Dense WiFi Networks. Mobile Networks and Applications, 2019, 24, 688-699.	3.3	5
12	Automatic recovering of RTSP sessions in mobile telephones using JADE-LEAP. IEEE Latin America Transactions, 2009, 7, 410-417.	1.6	3
13	Hardware Mechanism for Energy Saving in WiFi Access Points. Sensors, 2019, 19, 4745.	3.8	3
14	Anticipating Performance Information of Newly Portable Computers on the WLAN for Load Balancing. Lecture Notes in Computer Science, 2004, , 946-953.	1.3	3
15	Efficient monitoring to detect wireless channel failures for MPI programs. , 2004, , .		2
16	Light Protocol and Buffer Management for Automatically Recovering Streaming Sessions in WiFi Mobile Telephones. , 2008, , .		2
17	Proactive estimation of the video streaming reception quality in WiFi networks using a cross-layer technique. IEEE Latin America Transactions, 2009, 7, 383-389.	1.6	2
18	Optimisation of the execution time inspired in Cross Layer design using effective load balancing in a LAN-WLAN environment. International Journal of Computational Science and Engineering, 2009, 4, 182.	0.5	2

#	ARTICLE	IF	CITATIONS
19	A library for load balancing in master/slave applications on a LAN-WLAN environment. , 2004, , .		1
20	Corrective Actions at the Application Level for Streaming Video in WiFi Ad Hoc Networks. , 2007, , 525-530.		1
21	Topic 8: Distributed Systems and Algorithms. Lecture Notes in Computer Science, 2008, , 642-642.	1.3	0
22	Study of the Implementation of NGN in Ecuador. , 0, , .		0
23	Improving of QoS in WiFi Access Networks. , 0, , 337-360.		0