Oscar Garcia

List of Publications by Year
in descending order

31 papers	557 citations	840776 11 h-index	642732 23 g-index
37 all docs	37 docs citations	37 times ranked	565 citing authors

#	Article	IF	Citations
1	An intelligent Edge-IoT platform for monitoring livestock and crops in a dairy farming scenario. Ad Hoc Networks, 2020, 98, 102047.	5.5	168
2	Edge Computing, IoT and Social Computing in Smart Energy Scenarios. Sensors, 2019, 19, 3353.	3.8	75
3	Energy Efficiency in Public Buildings through Context-Aware Social Computing. Sensors, 2017, 17, 826.	3.8	49
4	Implementing a hardware-embedded reactive agents platform based on a service-oriented architecture over heterogeneous wireless sensor networks. Ad Hoc Networks, 2013, 11, 151-166.	5.5	43
5	A Review on Edge Computing in Smart Energy by means of a Systematic Mapping Study. Electronics (Switzerland), 2020, 9, 48.	3.1	32
6	A Framework to Improve Energy Efficient Behaviour at Home through Activity and Context Monitoring. Sensors, 2017, 17, 1749.	3.8	28
7	A Serious Game to Reduce Consumption in Smart Buildings. Communications in Computer and Information Science, 2017, , 481-493.	0.5	19
8	Ambient intelligence and collaborative e-learning: a new definition model. Journal of Ambient Intelligence and Humanized Computing, 2012, 3, 239-247.	4.9	14
9	Collaborative learning via social computing. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 265-282.	2.6	13
10	Cloud-IO: Cloud Computing Platform for the Fast Deployment of Services over Wireless Sensor Networks. Advances in Intelligent Systems and Computing, 2013, , 493-504.	0.6	12
11	A Survey on Software-Defined Networks and Edge Computing over IoT. Communications in Computer and Information Science, 2019, , 289-301.	0.5	10
12	Deep Q-Learning and Preference Based Multi-Agent System for Sustainable Agricultural Market. Sensors, 2021, 21, 5276.	3.8	10
13	Wireless Sensor Networks and Real-Time Locating Systems to Fight against Maritime Piracy. International Journal of Interactive Multimedia and Artificial Intelligence, 2012, 1, 14.	1.3	9
14	Intelligent Agents and Wireless Sensor Networks: A Healthcare Telemonitoring System. Advances in Intelligent and Soft Computing, 2010, , 429-436.	0.2	8
15	Heterogeneous Wireless Sensor Networks in a Tele-monitoring System for Homecare. Lecture Notes in Computer Science, 2009, , 663-670.	1.3	7
16	Evaluating the n-Core Polaris Real-Time Locating System in an Indoor Environment. Advances in Intelligent and Soft Computing, 2012, , 29-37.	0.2	6
17	CAFCLA. Advances in Computational Intelligence and Robotics Book Series, 2015, , 187-209.	0.4	5
18	Intelligent energy forecasting based on the correlation between solar radiation and consumption patterns. , 2016, , .		4

#	Article	IF	Citations
19	The n-Core Polaris Real-Time Locating System at the EvAAL Competition. Communications in Computer and Information Science, 2012, , 92-106.	0.5	4
20	Wireless Sensor Networks for data acquisition and information fusion: A case study. , 2010, , .		3
21	Electrical power consumption monitoring in hotels using the n-Core Platform. , 2016, , .		3
22	HERA: A New Platform for Embedding Agents in Heterogeneous Wireless Sensor Networks. Lecture Notes in Computer Science, 2010, , 111-118.	1.3	2
23	CAFCLA: An AmI-Based Framework to Design and Develop Context-Aware Collaborative Learning Activities. Advances in Intelligent Systems and Computing, 2013, , 41-48.	0.6	2
24	Improving Context-Awareness in a Healthcare Multi-Agent System. Advances in Intelligent and Soft Computing, 2011, , 1-8.	0.2	2
25	CAFCLA: A Conceptual Framework to Develop Collaborative Context-Aware Learning Activities. Advances in Intelligent Systems and Computing, 2012, , 11-21.	0.6	2
26	Livestock Welfare by Means of an Edge Computing and IoT Platform. Advances in Intelligent Systems and Computing, 2021, , 156-165.	0.6	1
27	Use of context-aware Social Computing to improve energy efficiency in public buildings. , 2016, , .		0
28	Ambient Intelligence Application Scenario for Collaborative e-Learning. Lecture Notes in Computer Science, 2010, , 407-416.	1.3	0
29	Agents to Help Context-Aware System in Home Care. Advances in Intelligent and Soft Computing, 2010, , 501-508.	0.2	0
30	Guardian: Electronic System Aimed at the Protection of Mistreated and At-risk People. Advances in Intelligent and Soft Computing, 2012, , 11-18.	0.2	0
31	Using ZigBee in Ambient Intelligence Learning Scenarios. International Journal of Ambient Computing and Intelligence, 2012, 4, 33-45.	1.1	0