

Álvaro Lozano

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

272
citations

1039880

9
h-index

940416

16
g-index

28
all docs

28
docs citations

28
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart Waste Collection System with Low Consumption LoRaWAN Nodes and Route Optimization. Sensors, 2018, 18, 1465.	2.1	60
2	Combination of Multi-Agent Systems and Wireless Sensor Networks for the Monitoring of Cattle. Sensors, 2018, 18, 108.	2.1	45
3	Multi-Agent System for Demand Prediction and Trip Visualization in Bike Sharing Systems. Applied Sciences (Switzerland), 2018, 8, 67.	1.3	30
4	Non Intrusive Load Monitoring (NILM): A State of the Art. Advances in Intelligent Systems and Computing, 2018, , 125-138.	0.5	28
5	Voice Assistant Application for Avoiding Sedentarism in Elderly People Based on IoT Technologies. Electronics (Switzerland), 2021, 10, 980.	1.8	15
6	Boosting Big Data Streaming Applications in Clouds With BurstFlow. IEEE Access, 2020, 8, 219124-219136.	2.6	14
7	Context-Aware Recommender Systems in the Music Domain: A Systematic Literature Review. Electronics (Switzerland), 2021, 10, 1555.	1.8	13
8	Low-cost Edge Computing devices and novel user interfaces for monitoring pivot irrigation systems based on Internet of Things and LoRaWAN technologies. Biosystems Engineering, 2022, 223, 14-29.	1.9	13
9	MOVICLOUD: Agent-Based 3D Platform for the Labor Integration of Disabled People. Applied Sciences (Switzerland), 2018, 8, 337.	1.3	11
10	Voice Assistant and Route Optimization System for Logistics Companies in Depopulated Rural Areas. Sustainability, 2020, 12, 5377.	1.6	10
11	Monitoring and analysis of vital signs of a patient through a multi-agent application system. Advances in Distributed Computing and Artificial Intelligence Journal, 2016, 4, 19-30.	1.1	8
12	Effects of Environmental Conditions and Composition on the Electrical Properties of Textile Fabrics. Sensors, 2019, 19, 5145.	2.1	5
13	Smart Waste Collection Platform Based on WSN and Route Optimization. Advances in Intelligent Systems and Computing, 2016, , 135-145.	0.5	4
14	Multi Agent Application for Chronic Patients: Monitoring and Detection of Remote Anomalous Situations. Communications in Computer and Information Science, 2016, , 27-36.	0.4	4
15	Central Heating Cost Optimization for Smart-Homes with Fuzzy Logic and a Multi-Agent Architecture. Applied Sciences (Switzerland), 2020, 10, 4057.	1.3	3
16	Context-Aware Music Recommender Systems for Groups: A Comparative Study. Information (Switzerland), 2021, 12, 506.	1.7	3
17	Multi-agent System for the Recommendation of Electric Bicycle Routes. Communications in Computer and Information Science, 2018, , 36-43.	0.4	1
18	Coin Recognition Approach in Social Environments Using Virtual Organizations of Agents. Applied Sciences (Switzerland), 2019, 9, 1252.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Single Appliance Automatic Recognition: Comparison of Classifiers. Advances in Intelligent Systems and Computing, 2018, , 115-124.	0.5	1
20	Integration of Different ERP Systems on Mobile Devices. Advances in Intelligent Systems and Computing, 2014, , 27-35.	0.5	1
21	An Analysis of One-Shot Augmented Learning: A Face Recognition Case Study. Advances in Intelligent Systems and Computing, 2022, , 55-65.	0.5	1
22	New Architecture for Electric Bikes Control Based on Smartphones and Wireless Sensors. Advances in Intelligent Systems and Computing, 2016, , 125-134.	0.5	0
23	Household Occupancy Detection Based on Electric Energy Consumption. Communications in Computer and Information Science, 2018, , 223-231.	0.4	0
24	Can user data improve Bike Sharing Systems demand forecasting?. , 2021, , .		0
25	Mobility Integration of ERP systems. Advances in Distributed Computing and Artificial Intelligence Journal, 2015, 3, 65.	1.1	0
26	Platform for Indexing Music Albums Based on Augmented Reality Techniques and Multi-agent Systems. Advances in Intelligent Systems and Computing, 2019, , 397-404.	0.5	0
27	Group Recommender Systems in the Music Domain: A Systematic Literature Review. Advances in Intelligent Systems and Computing, 2022, , 296-307.	0.5	0