

Alejandro Fernandez-Montes

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

278
citations

10
h-index

15
g-index

35
ext. papers

346
ext. citations

3.5
avg, IF

3.73
L-index

#	Paper	IF	Citations
34	SCORE: Simulator for cloud optimization of resources and energy consumption. <i>Simulation Modelling Practice and Theory</i> , 2018 , 82, 160-173	3.9	32
33	Security supportive energy-aware scheduling and energy policies for cloud environments. <i>Journal of Parallel and Distributed Computing</i> , 2018 , 119, 191-202	4.4	30
32	Public resource usage in health systems: a data envelopment analysis of the efficiency of health systems of autonomous communities in Spain. <i>Public Health</i> , 2016 , 138, 33-40	4	22
31	GAME-SCORE: Game-based energy-aware cloud scheduler and simulator for computational clouds. <i>Simulation Modelling Practice and Theory</i> , 2019 , 93, 3-20	3.9	22
30	Energy policies for data-center monolithic schedulers. <i>Expert Systems With Applications</i> , 2018 , 110, 170-188	18	18
29	A study on saving energy in artificial lighting by making smart use of wireless sensor networks and actuators. <i>IEEE Network</i> , 2009 , 23, 16-20	11.4	17
28	An analysis of Spain's global and environmental efficiency from a European Union perspective. <i>Energy Policy</i> , 2017 , 104, 183-193	7.2	15
27	Energy wasting at internet data centers due to fear. <i>Pattern Recognition Letters</i> , 2015 , 67, 59-65	4.7	15
26	Smart scheduling for saving energy in grid computing. <i>Expert Systems With Applications</i> , 2012 , 39, 9443-9450	13	13
25	. <i>IEEE Access</i> , 2020 , 8, 44048-44062	3.5	10
24	Software reference architecture for smart environments: Perception. <i>Computer Standards and Interfaces</i> , 2014 , 36, 928-940	3.5	9
23	Sphere: Simulator of edge infrastructures for the optimization of performance and resources energy consumption. <i>Simulation Modelling Practice and Theory</i> , 2020 , 101, 101966	3.9	8
22	Productive Efficiency of Energy-Aware Data Centers. <i>Energies</i> , 2018 , 11, 2053	3.1	8
21	Evaluating decision-making performance in a grid-computing environment using DEA. <i>Expert Systems With Applications</i> , 2012 , 39, 12061-12070	7.8	7
20	Measuring data-centre workflows complexity through process mining: the Google cluster case. <i>Journal of Supercomputing</i> , 2020 , 76, 2449-2478	2.5	7
19	Single-Board-Computer Clusters for Cloudlet Computing in Internet of Things. <i>Sensors</i> , 2019 , 19,	3.8	6
18	Stackelberg Game-Based Models In Energy-Aware Cloud Scheduling 2018 ,		5

17	Evaluating Wearable Activity Recognition and Fall Detection Systems. <i>IFMBE Proceedings</i> , 2015 , 653-656	0.2	5
16	A Home E-Health System for Dependent People Based on OSGI. <i>Lecture Notes in Electrical Engineering</i> , 2009 , 117-130	0.2	5
15	Pervasive Computing Approaches to Environmental Sustainability. <i>IEEE Pervasive Computing</i> , 2009 , 8, 54-57	1.3	4
14	Smart Environment Software Reference Architecture 2009 ,		3
13	Modeling Smart Homes for Prediction Algorithms. <i>Lecture Notes in Computer Science</i> , 2007 , 26-33	0.9	3
12	Service-Oriented Device Integration for Ubiquitous Ambient Assisted Living Environments. <i>Lecture Notes in Computer Science</i> , 2009 , 843-850	0.9	3
11	An Orientation Service for Dependent People Based on an Open Service Architecture. <i>Lecture Notes in Computer Science</i> , 2007 , 155-164	0.9	2
10	Quality of Cloud Services Determined by the Dynamic Management of Scheduling Models for Complex Heterogeneous Workloads 2018 ,		2
9	Towards Efficient and Scalable Data-Intensive Content Delivery: State-of-the-Art, Issues and Challenges. <i>Lecture Notes in Computer Science</i> , 2019 , 88-137	0.9	1
8	Bullfighting extreme scenarios in efficient hyper-scale cluster computing. <i>Cluster Computing</i> , 2020 , 23, 3387-3403	2.1	1
7	Delivery Improvement for Transport Companies 2008 ,		1
6	Smart Environment Vectorization. <i>Lecture Notes in Computer Science</i> , 2008 , 765-772	0.9	1
5	Project-Based Methodology to Lecture on Web Frameworks Applied to the Management of Health-Related Data. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 321-328	0.4	1
4	DISCERNER: Dynamic selection of resource manager in hyper-scale cloud-computing data centres. <i>Future Generation Computer Systems</i> , 2021 , 116, 190-199	7.5	1
3	Development Environment Using FPGA For Domotics Applications Based On X10 Technology 2008 , 150-153		1
2	LECOMP: Low Energy CONsumption Mesh Protocol in WSN. <i>Advances in Intelligent and Soft Computing</i> , 2011 , 205-212		
1	A survey on cost-effective context-aware distribution of social data streams over energy-efficient data centres. <i>Simulation Modelling Practice and Theory</i> , 2019 , 93, 42-64	3.9	