Alejandro FernÃ¡ndez-Montes

List of Publications by Year
in descending order

32	411	687220	794469
papers	citations	13	19
		h-index	g-index

35	35	35	443
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning regression to boost scheduling performance in hyper-scale cloud-computing data centres. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 3191-3203.	2.7	3
2	DISCERNER: Dynamic selection of resource manager in hyper-scale cloud-computing data centres. Future Generation Computer Systems, 2021, 116, 190-199.	4.9	3
3	Measuring data-centre workflows complexity through process mining: the Google cluster case. Journal of Supercomputing, 2020, 76, 2449-2478.	2.4	15
4	Sphere: Simulator of edge infrastructures for the optimization of performance and resources energy consumption. Simulation Modelling Practice and Theory, 2020, 101, 101966.	2.2	15
5	Bullfighting extreme scenarios in efficient hyper-scale cluster computing. Cluster Computing, 2020, 23, 3387-3403.	3.5	3
6	Limiting Global Warming by Improving Data-Centre Software. IEEE Access, 2020, 8, 44048-44062.	2.6	20
7	Single-Board-Computer Clusters for Cloudlet Computing in Internet of Things. Sensors, 2019, 19, 3026.	2.1	8
8	Towards Efficient and Scalable Data-Intensive Content Delivery: State-of-the-Art, Issues and Challenges. Lecture Notes in Computer Science, 2019, , 88-137.	1.0	5
9	GAME-SCORE: Game-based energy-aware cloud scheduler and simulator for computational clouds. Simulation Modelling Practice and Theory, 2019, 93, 3-20.	2.2	29
10	A survey on cost-effective context-aware distribution of social data streams over energy-efficient data centres. Simulation Modelling Practice and Theory, 2019, 93, 42-64.	2.2	0
11	SCORE: Simulator for cloud optimization of resources and energy consumption. Simulation Modelling Practice and Theory, 2018, 82, 160-173.	2.2	49
12	Security supportive energy-aware scheduling and energy policies for cloud environments. Journal of Parallel and Distributed Computing, 2018, 119, 191-202.	2.7	47
13	Quality of Cloud Services Determined by the Dynamic Management of Scheduling Models for Complex Heterogeneous Workloads. , 2018, , .		4
14	Productive Efficiency of Energy-Aware Data Centers. Energies, 2018, 11, 2053.	1.6	10
15	Energy policies for data-center monolithic schedulers. Expert Systems With Applications, 2018, 110, 170-181.	4.4	21
16	Stackelberg Game-Based Models In Energy-Aware Cloud Scheduling. , 2018, , .		6
17	An analysis of Spain's global and environmental efficiency from a European Union perspective. Energy Policy, 2017, 104, 183-193.	4.2	20
18	Public resource usage in health systems: a data envelopment analysis of the efficiency of health systems of autonomous communities in Spain. Public Health, 2016, 138, 33-40.	1.4	34

#	Article	IF	Citations
19	Energy wasting at internet data centers due to fear. Pattern Recognition Letters, 2015, 67, 59-65.	2.6	17
20	Software reference architecture for smart environments: Perception. Computer Standards and Interfaces, 2014, 36, 928-940.	3.8	13
21	Evaluating decision-making performance in a grid-computing environment using DEA. Expert Systems With Applications, 2012, 39, 12061-12070.	4.4	8
22	Smart scheduling for saving energy in grid computing. Expert Systems With Applications, 2012, 39, 9443-9450.	4.4	17
23	LECOMP: Low Energy COnsumption Mesh Protocol in WSN. Advances in Intelligent and Soft Computing, 2011, , 205-212.	0.2	0
24	Pervasive Computing Approaches to Environmental Sustainability. IEEE Pervasive Computing, 2009, 8, 54-57.	1.1	6
25	Smart Environment Software Reference Architecture. , 2009, , .		7
26	A study on saving energy in artificial lighting by making smart use of wireless sensor networks and actuators. IEEE Network, 2009, 23, 16-20.	4.9	23
27	A Home E-Health System for Dependent People Based on OSGI. Lecture Notes in Electrical Engineering, 2009, , 117-130.	0.3	5
28	Service-Oriented Device Integration for Ubiquitous Ambient Assisted Living Environments. Lecture Notes in Computer Science, 2009, , 843-850.	1.0	4
29	Delivery Improvement for Transport Companies. , 2008, , .		2
30	Development Environment Using FPGA For Domotics Applications Based On X10 Technology. , 2008, , 150-153.		2
31	Modeling Smart Homes for Prediction Algorithms. Lecture Notes in Computer Science, 2007, , 26-33.	1.0	4
32	An Orientation Service for Dependent People Based on an Open Service Architecture. Lecture Notes in Computer Science, 2007, , 155-164.	1.0	2