

Maria De Los Santos Perez Hernandez

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

434
citations

933447

10
h-index

794594

19
g-index

34
all docs

34
docs citations

34
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	GMonE: A complete approach to cloud monitoring. Future Generation Computer Systems, 2013, 29, 2026-2040.	7.5	98
2	Spark Versus Flink: Understanding Performance in Big Data Analytics Frameworks. , 2016, , .		47
3	Bayesian network multi-classifiers for protein secondary structure prediction. Artificial Intelligence in Medicine, 2004, 31, 117-136.	6.5	38
4	Design and implementation of a data mining grid-aware architecture. Future Generation Computer Systems, 2007, 23, 42-47.	7.5	36
5	A Flexible and Robust Deep Learning-Based System for Solar Irradiance Forecasting. IEEE Access, 2021, 9, 12348-12361.	4.2	25
6	Reproducibility of execution environments in computational science using Semantics and Clouds. Future Generation Computer Systems, 2017, 67, 354-367.	7.5	23
7	Consistency in the Cloud: When Money Does Matter!. , 2013, , .		22
8	Towards Reproducibility in Scientific Workflows: An Infrastructure-Based Approach. Scientific Programming, 2015, 2015, 1-11.	0.7	20
9	Are Web Self-Assessment Tools Useful for Training?. IEEE Transactions on Education, 2005, 48, 757-763.	2.4	12
10	MAPFS: A flexible multiagent parallel file system for clusters. Future Generation Computer Systems, 2006, 22, 620-632.	7.5	12
11	Riding Out the Storm: How to Deal with the Complexity of Grid and Cloud Management. Journal of Grid Computing, 2012, 10, 349-366.	3.9	11
12	MAPFS-DAI, an extension of OGSA-DAI based on a parallel file system. Future Generation Computer Systems, 2007, 23, 138-145.	7.5	10
13	Failure detector abstractions for MapReduce-based systems. Information Sciences, 2017, 379, 112-127.	6.9	10
14	A new formalism for dynamic reconfiguration of data servers in a cluster. Journal of Parallel and Distributed Computing, 2005, 65, 1134-1145.	4.1	8
15	A Semantic-Based Approach to Attain Reproducibility of Computational Environments in Scientific Workflows: A Case Study. Lecture Notes in Computer Science, 2014, , 452-463.	1.3	8
16	Diarchy: An Optimized Management Approach for MapReduce Masters. Procedia Computer Science, 2015, 51, 9-18.	2.0	7
17	A rule based resources management for collaborative grid environments. International Journal of Internet Protocol Technology, 2008, 3, 35.	0.2	6
18	An agent architecture for managing data resources in a grid environment. Future Generation Computer Systems, 2009, 25, 747-755.	7.5	6

#	ARTICLE	IF	CITATIONS
19	Keeping up with storage: Decentralized, write-enabled dynamic geo-replication. Future Generation Computer Systems, 2018, 86, 1093-1105.	7.5	6
20	Data Mining Meets Grid Computing: Time to Dance?. , 2009, , 1-16.		4
21	A semantic collaborative awareness model to deal with resource sharing in grids. Future Generation Computer Systems, 2010, 26, 276-280.	7.5	4
22	An autonomic framework for enhancing the quality of data grid services. Future Generation Computer Systems, 2012, 28, 1005-1016.	7.5	4
23	Mission possible: Unify HPC and Big Data stacks towards application-defined blobs at the storage layer. Future Generation Computer Systems, 2020, 109, 668-677.	7.5	4
24	Semantic Grid Applications to Complex Satellite Mission Systems. , 2006, , .		3
25	Special section: Security on grids and distributed systems. Future Generation Computer Systems, 2007, 23, 774-775.	7.5	3
26	A high performance suite of data services for grids. Future Generation Computer Systems, 2010, 26, 622-632.	7.5	3
27	Special Section: Grid computing, high-performance and distributed applications. Future Generation Computer Systems, 2010, 26, 257-258.	7.5	2
28	ODESGS framework, knowledge-based markup for semantic grid services. , 2005, , .		1
29	Special section: Data analysis, access and management on grids. Future Generation Computer Systems, 2007, 23, 107-108.	7.5	0
30	Covering the cooperative load balancing delivery in collaborative grid environments. Multiagent and Grid Systems, 2009, 5, 267-286.	0.9	0
31	DMGA: A Generic Brokering-Based Data Mining Grid Architecture. , 2009, , 201-219.		0
32	Topic 5: Parallel and Distributed Data Management. Lecture Notes in Computer Science, 2013, , 215-215.	1.3	0