Maria Blanca Caminero

List of Publications by Year
in descending order

48	305	1163117 8	1058476 14
papers	citations	h-index	g-index

48	48	48	201
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analyzing Hadoop power consumption and impact on application QoS. Future Generation Computer Systems, 2016, 55, 213-223.	7.5	30
2	Network-aware meta-scheduling in advance with autonomous self-tuning system. Future Generation Computer Systems, 2011, 27, 486-497.	7.5	28
3	Network-aware heuristics for inter-domain meta-scheduling in Grids. Journal of Computer and System Sciences, 2011, 77, 262-281.	1.2	27
4	Extending GridSim with an architecture for failure detection. , 2007, , .		23
5	An experimental study of fog and cloud computing in CEP-based Real-Time IoT applications. Journal of Cloud Computing: Advances, Systems and Applications, 2021, 10, .	3.9	21
6	HIDRA: A Distributed Blockchain-Based Architecture for Fog/Edge Computing Environments. IEEE Access, 2021, 9, 75231-75251.	4.2	17
7	Exponential Smoothing for Network-Aware Meta-scheduler in Advance in Grids. , 2010, , .		14
8	A GridWay-based autonomic network-aware metascheduler. Future Generation Computer Systems, 2012, 28, 1058-1069.	7.5	12
9	Performance evaluation of an autonomic networkâ€aware metascheduler for Grids. Concurrency Computation Practice and Experience, 2009, 21, 1692-1708.	2.2	10
10	Studying the Influence of Network-Aware Grid Scheduling on the Performance Received by Users. Lecture Notes in Computer Science, 2008, , 726-743.	1.3	10
11	Meta-scheduling in advance using red-black trees in heterogeneous Grids. , 2010, , .		9
12	An autonomic network-aware scheduling architecture for grid computing. , 2007, , .		8
13	Improving Grid Resource Usage: Metrics for Measuring Fragmentation. , 2012, , .		8
14	Using Network Information to Perform Meta-scheduling in Advance in Grids. Lecture Notes in Computer Science, 2010, , 431-443.	1.3	8
15	Traffic scheduling solutions with QoS support for an input-buffered multimedia router. IEEE Transactions on Parallel and Distributed Systems, 2005, 16, 1009-1021.	5.6	5
16	From volunteer to trustable computing: Providing QoS-aware scheduling mechanisms for multi-grid computing environments. Future Generation Computer Systems, 2014, 34, 76-93.	7.5	5
17	An Analysis of Computational Resources of Event-Driven Streaming Data Flow for Internet of Things: A Case Study. Computer Journal, 2023, 66, 47-60.	2.4	5
18	A New Hardware Efficient Link Scheduling Algorithm to Guarantee QoS on Clusters. Lecture Notes in Computer Science, 2005, , 1046-1056.	1.3	5

#	Article	IF	Citations
19	A tool for the analysis of reconfiguration and routing algorithms in irregular networks. Lecture Notes in Computer Science, 1998, , 159-173.	1.3	4
20	Simulation of Buffer Management Policies in Networks for Grids. Simulation Symposium, Proceedings of the Annual, 2008, , .	0.0	4
21	A Strategy to Improve Resource Utilization in Grids Based on Network-Aware Meta-scheduling in Advance. , 2011, , .		4
22	On the Improvement of Grid Resource Utilization: Preventive and Reactive Rescheduling Approaches. Journal of Grid Computing, 2012, 10, 475-499.	3.9	4
23	FPGA-Aware Scheduling Strategies at Hypervisor Level in Cloud Environments. Scientific Programming, 2016, 2016, 1-12.	0.7	4
24	Power and performance optimization in FPGAâ€accelerated clouds. Concurrency Computation Practice and Experience, 2018, 30, e4526.	2.2	4
25	Improving Grid Inter-Domain Scheduling with P2P Techniques: A Performance Evaluation. , 2008, , .		3
26	Improving GridWay with network information: Tuning the monitoring tool. , 2009, , .		3
27	A Performance Evaluation of Network-Aware Grid Meta-schedulers. , 2009, , .		3
28	Summary Creation for Information Discovery in Distributed Systems. , 2011, , .		3
29	An Adaptable In-advance and Fairshare Meta-scheduling Architecture to Improve Grid QoS. , 2011, , .		3
30	Multilevel SLA-based QoS Support in Grids. , 2012, , .		3
31	Empirical modeling and simulation of an heterogeneous Cloud computing environment. Parallel Computing, 2019, 83, 118-134.	2.1	3
32	A multimedia router architecture to provide high performance and QoS guarantees to mixed traffic. , 0, , .		2
33	A new switch scheduling algorithm to improve QoS in the multimedia router. , 0, , .		2
34	Addressing QoS in Grids through a Fairshare Meta-scheduling In-Advance Architecture. , 2012, , .		2
35	On the Provision of SaaS-Level Quality of Service within Heterogeneous Private Clouds. , 2014, , .		2
36	Analysing Hadoop performance in a multi-user IaaS Cloud. , 2014, , .		2

#	Article	IF	Citations
37	A new lightweight CAC algorithm for high-performance multimedia networks. , 2006, , .		1
38	On the improvement of the network QoS in a grid environment. , 2006, , .		1
39	Addressing Resource Fragmentation in Grids through Network-Aware Meta-scheduling in Advance. , 2011, , .		1
40	Bag of Tasks Rescheduling within Real Grid Environments: Different Approaches. , 2013, , .		1
41	Towards a Green, QoS-Enabled Heterogeneous Cloud Infrastructure. , 2016, , .		1
42	Performance issues of deterministic and adaptive ghost-packet routers. , 2001, , .		0
43	MMR: A MultiMedia Router architecture to support hybrid workloads. Journal of Parallel and Distributed Computing, 2006, 66, 307-321.	4.1	0
44	Differentiated QoS in grids supported by SLAs. , 2011, , .		0
45	Opportunistic energy-aware rescheduling in desktop grid environments. , 2013, , .		0
46	Researching in science and engineering using open source software. , 2015, , .		0
47	Network-Aware Grid Scheduling. , 2007, , 33-34.		0
48	Aplicaciones de blockchain en IoT y computaciÃ³n en la niebla. Actas Del Congreso Internacional De Ingenierìa De Sistemas, 2021, , .	0.0	0