

Matthew Forshaw

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/964197/publications.pdf>

Version: 2024-02-01

29
papers

181
citations

1478505

6
h-index

1372567

10
g-index

33
all docs

33
docs citations

33
times ranked

105
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of a cost-effective virtual cloud cluster with an existing campus cluster. Future Generation Computer Systems, 2014, 41, 65-78.	7.5	26
2	Segmenting Residential Smart Meter Data for Short-Term Load Forecasting. , 2018, , .		22
3	On the privacy of private browsing " A forensic approach. Journal of Information Security and Applications, 2014, 19, 88-100.	2.5	19
4	Analysis of power-saving techniques over a large multi-use cluster with variable workload. Concurrency Computation Practice and Experience, 2013, 25, 2501-2522.	2.2	11
5	Reduction of wasted energy in a volunteer computing system through Reinforcement Learning. Sustainable Computing: Informatics and Systems, 2014, 4, 262-275.	2.2	9
6	Performance and Dependability Evaluation of Distributed Event-based Systems. , 2017, , .		9
7	Trace-Driven Simulation for Energy Consumption in High Throughput Computing Systems. , 2014, , .		8
8	Energy-efficient Checkpointing in High-throughput Cycle-stealing Distributed Systems. Electronic Notes in Theoretical Computer Science, 2015, 310, 65-90.	0.9	7
9	Reducing the Number of Miscreant Tasks Executions in a Multi-use Cluster. , 2012, , .		6
10	Operating Policies for Energy Efficient Dynamic Server Allocation. Electronic Notes in Theoretical Computer Science, 2015, 318, 159-177.	0.9	6
11	Using Virtual Machine live migration in trace-driven energy-aware simulation of high-throughput computing systems. Sustainable Computing: Informatics and Systems, 2021, 29, 100468.	2.2	6
12	On the Privacy of Private Browsing " A Forensic Approach. Lecture Notes in Computer Science, 2014, , 380-389.	1.3	6
13	Long-term electricity market agent based model validation using genetic algorithm based optimization. , 2020, , .		6
14	Energy-Aware Simulation of Workflow Execution in High Throughput Computing Systems. , 2015, , .		5
15	The case for energy-aware simulation and modelling of internet of things (IoT). , 2016, , .		5
16	Towards an Extensible and Scalable Energy Harvesting Wireless Sensor Network Simulation Framework. , 2017, , .		5
17	A Novel Approach to Energy Efficient Content Distribution with BitTorrent. Lecture Notes in Computer Science, 2013, , 188-196.	1.3	4
18	Meeting Graduate Employability Needs through Open-source Collaboration with Industry. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	Using Machine Learning in Trace-driven Energy-Aware Simulations of High-Throughput Computing Systems. , 2017, , .		3
20	Automatic Generation of Distributed Run-Time Infrastructure for Internet of Things. , 2017, , .		3
21	Evaluation of Energy Consumption of Replicated Tasks in a Volunteer Computing Environment. , 2018, , .		3
22	Simulation of Virtual Machine Live Migration in High Throughput Computing Environments. , 2018, , .		2
23	Out of the Comfort Zone. , 2016, , .		1
24	An Automated Approach to Cloud Performance Benchmarking. Electronic Notes in Theoretical Computer Science, 2018, 340, 23-39.	0.9	1
25	Using Machine Learning to reduce the energy wasted in Volunteer Computing Environments. , 2018, , .		1
26	Modelling Carbon Tax in the UK Electricity Market using an Agent-Based Model. , 2019, , .		1
27	Optimising energy and overhead for large parameter space simulations. , 2019, , .		1
28	Time-inhomogeneous Population Models of a Cycle-Stealing Distributed System. Electronic Notes in Theoretical Computer Science, 2015, 318, 5-17.	0.9	0
29	Experience Report: How to Design Web-Based Competitions for Legal Proceedings: Lessons from a Court Case. , 2017, , .		0