

Matthew Forshaw

List of Publications by Year in descending order

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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	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
2	Long-term electricity market agent based model validation using genetic algorithm based optimization. , 2020, , .		6
3	Modelling Carbon Tax in the UK Electricity Market using an Agent-Based Model. , 2019, , .		1
4	Optimising energy and overhead for large parameter space simulations. , 2019, , .		1
5	Evaluation of Energy Consumption of Replicated Tasks in a Volunteer Computing Environment. , 2018, , .		3
6	An Automated Approach to Cloud Performance Benchmarking. Electronic Notes in Theoretical Computer Science, 2018, 340, 23-39.	0.9	1
7	Simulation of Virtual Machine Live Migration in High Throughput Computing Environments. , 2018, , .		2
8	Using Machine Learning to reduce the energy wasted in Volunteer Computing Environments. , 2018, , .		1
9	Segmenting Residential Smart Meter Data for Short-Term Load Forecasting. , 2018, , .		22
10	Towards an Extensible and Scalable Energy Harvesting Wireless Sensor Network Simulation Framework. , 2017, , .		5
11	Using Machine Learning in Trace-driven Energy-Aware Simulations of High-Throughput Computing Systems. , 2017, , .		3
12	Automatic Generation of Distributed Run-Time Infrastructure for Internet of Things. , 2017, , .		3
13	Experience Report: How to Design Web-Based Competitions for Legal Proceedings: Lessons from a Court Case. , 2017, , .		0
14	Performance and Dependability Evaluation of Distributed Event-based Systems. , 2017, , .		9
15	Meeting Graduate Employability Needs through Open-source Collaboration with Industry. , 2016, , .		3
16	Out of the Comfort Zone. , 2016, , .		1
17	The case for energy-aware simulation and modelling of internet of things (IoT). , 2016, , .		5
18	Time-inhomogeneous Population Models of a Cycle-Stealing Distributed System. Electronic Notes in Theoretical Computer Science, 2015, 318, 5-17.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Energy-Aware Simulation of Workflow Execution in High Throughput Computing Systems. , 2015, , .		5
20	Operating Policies for Energy Efficient Dynamic Server Allocation. Electronic Notes in Theoretical Computer Science, 2015, 318, 159-177.	0.9	6
21	Energy-efficient Checkpointing in High-throughput Cycle-stealing Distributed Systems. Electronic Notes in Theoretical Computer Science, 2015, 310, 65-90.	0.9	7
22	Trace-Driven Simulation for Energy Consumption in High Throughput Computing Systems. , 2014, , .		8
23	Comparison of a cost-effective virtual cloud cluster with an existing campus cluster. Future Generation Computer Systems, 2014, 41, 65-78.	7.5	26
24	Reduction of wasted energy in a volunteer computing system through Reinforcement Learning. Sustainable Computing: Informatics and Systems, 2014, 4, 262-275.	2.2	9
25	On the privacy of private browsing â€œ A forensic approach. Journal of Information Security and Applications, 2014, 19, 88-100.	2.5	19
26	On the Privacy of Private Browsing â€œ A Forensic Approach. Lecture Notes in Computer Science, 2014, , 380-389.	1.3	6
27	Analysis of powerâ€™saving techniques over a large multiâ€™use cluster with variable workload. Concurrency Computation Practice and Experience, 2013, 25, 2501-2522.	2.2	11
28	A Novel Approach to Energy Efficient Content Distribution with BitTorrent. Lecture Notes in Computer Science, 2013, , 188-196.	1.3	4
29	Reducing the Number of Miscreant Tasks Executions in a Multi-use Cluster. , 2012, , .		6