Pietro Ruiu

List of Publications by Year
in descending order

20 papers	187 citations	1936888 4 h-index	2053342 5 g-index
21 all docs	21 docs citations	21 times ranked	244 citing authors

#	Article	IF	Citations
1	Data as a Service (DaaS) for Sharing and Processing of Large Data Collections in the Cloud. , 2013, , .		51
2	Container-Based Orchestration in Cloud: State of the Art and Challenges. , 2015, , .		44
3	First Observations of GNSS Ionospheric Scintillations From DemoGRAPE Project. Space Weather, 2016, 14, 704-709.	1.3	18
4	Biometric Authentication and Data Security in Cloud Computing. , 2018, , 337-353.		14
5	Power comparison of cloud data center architectures. , 2016, , .		13
6	On the Energy-Proportionality of Data Center Networks. IEEE Transactions on Sustainable Computing, 2017, 2, 197-210.	2.2	11
7	Workload Management for Power Efficiency in Heterogeneous Data Centers. , 2016, , .		8
8	Simulation, Modeling, and Performance Evaluation Tools for Cloud Applications. , 2014, , .		5
9	Design and implementation of a cloud computing platform for electromagnetic modelling. International Journal of High Performance Computing and Networking, 2015, 8, 248.	0.4	5
10	Accessing Cloud Services through Biometrics Authentication. , 2016, , .		4
11	HPC Cloud Pills: On-Demand Deployment and Execution of HPC Application in Cloud Environments. , 2014, , .		2
12	Low Power Computing and Communication System for Critical Environments. Lecture Notes on Data Engineering and Communications Technologies, 2017, , 221-232.	0.5	2
13	Evaluating Scalability of a Cloud Based Platform for Biological Networks Analysis. , 2015, , .		1
14	Polar Data Management Based on Cloud Technology. , 2015, , .		1
15	Automated Cloud Computing Approach for the Simulation of Chemo-Hydrodynamic Problems. , 2016, , .		1
16	DemoGRAPE: Managing Scientific Applications in a Cloud-Federated Environment. , 2016, , .		1
17	Fast Scalable Cloud Platform for Electromagnetic Modeling. , 2014, , .		0
18	International cloud infrastructure for space weather data management: The DemoGRAPE challenge. , 2015, , .		0

#	Article	IF	Citations
19	OPERA: A Low Power Approach to the Next Generation Cloud Infrastructures. , 2016, , .		0
20	Improving Scalability of an Hybrid Infrastructure for E-Science Applications. Lecture Notes in Computer Science, 2013, , 120-134.	1.0	0