Glauco EstÃ¡cio GonÃ§alves

List of Publications by Year
in descending order

34 papers	483 citations	1307594 7 h-index	1125743 13 g-index
34 all docs	34 docs citations	34 times ranked	454 citing authors

#	Article	IF	Citations
1	Resource allocation for distributed cloud: concepts and research challenges. IEEE Network, 2011, 25, 42-46.	6.9	161
2	High availability in clouds: systematic review and research challenges. Journal of Cloud Computing: Advances, Systems and Applications, 2016, 5, .	3.9	61
3	Open Source Cloud Computing Platforms. , 2010, , .		37
4	Random forest techniques for spatial interpolation of evapotranspiration data from Brazilian's Northeast. Computers and Electronics in Agriculture, 2019, 166, 105017.	7.7	34
5	Minimizing and Managing Cloud Failures. Computer, 2017, 50, 86-90.	1.1	29
6	CloudML: An Integrated Language for Resource, Service and Request Description for D-Clouds. , 2011, , .		24
7	Analyzing the IT subsystem failure impact on availability of cloud services. , 2017, , .		24
8	Service Function Chain Placement in Distributed Scenarios: A Systematic Review. Journal of Network and Systems Management, 2022, 30, 1.	4.9	24
9	Evaluating the cooling subsystem availability on a Cloud data center. , 2017, , .		12
10	Resource allocation based on redundancy models for high availability cloud. Computing (Vienna/New) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.8	9
11	A methodology to assess the availability of next-generation data centers. Journal of Supercomputing, 2019, 75, 6361-6385.	3.6	8
12	D-CRAS: Distributed cloud resource allocation system. , 2012, , .		6
13	Highly Available Clouds: System Modeling, Evaluations, and Open Challenges. , 2017, , 21-53.		6
14	A Standard to Rule Them All: Redfish. IEEE Communications Standards Magazine, 2019, 3, 36-43.	4.9	6
15	Standardization Efforts for Traditional Data Center Infrastructure Management: The Big Picture. IEEE Engineering Management Review, 2020, 48, 92-103.	1.3	6
16	Risk-based model for availability estimation of SAF redundancy models. , 2016, , .		5
17	Modeling and analyzing power system failures on cloud services. , 2017, , .		5
18	Self-organizing strategies for resource management in Cloud Computing: State-of-the-art and challenges. , 2013, , .		4

#	Article	IF	Citations
19	Towards a control-as-a-service architecture for smart environments. Simulation Modelling Practice and Theory, 2021, 107, 102194.	3.8	4
20	On the load balancing of virtual networks in distributed clouds. , 2013, , .		3
21	Role-Based Self-Appointment for Autonomic Management of Resources. , 2014, , .		3
22	Measuring the impact of data center failures on a cloud-based emergency medical call system. Concurrency Computation Practice and Experience, 2019, 31, e5156.	2.2	3
23	Joint Allocation of Nodes and Links with Load Balancing in Network Virtualization. , 2014, , .		2
24	Failover time evaluation between checkpoint services in multi-tier stateful applications. , 2017, , .		2
25	DCAV: A software system to evaluate next€generation cloud data center availability through a friendly graphical interface. Software - Practice and Experience, 2019, 49, 1573-1599.	3.6	2
26	On the Use of an ADSL2+ Testbed for Video Quality Assessment. , 2009, , .		1
27	Prototyping an Autonomic Cloud Infrastructure to Manage Live Streaming Applications Using a Software Defined Network: Performance Analysis and Challenges. , 2014, , .		1
28	Aggregating data center measurements for availability analysis. Software - Practice and Experience, 2021, 51, 868-892.	3.6	1
29	Aspects for untangling cross€layer design and policy support. International Journal of Communication Systems, 2013, 26, 1308-1326.	2.5	0
30	Self-management of Live Streaming Application in Distributed Cloud Infrastructure. Lecture Notes in Computer Science, 2014, , 165-179.	1.3	0
31	Anã¡lise de desempenho de Banco de Dados Relacionais e Nã£o Relacionais em dados genã´micos. Revista De Informatica Teorica E Aplicada, 2017, 24, 11.	0.2	0
32	Availability analysis of the Brazilian€™s national weather measurement system. Revista Brasileira De Computaã§ã£o Aplicada, 2019, 11, 146-154.	0.1	0
33	Serviã§o Computacional para Interpolaã§ã£o de Dados Espaciais. , 0, , .		0
34	Espacializaã§ã£o da precipitaã§ã£o na Bacia Hidrogrã¡fica do Rio Brãgida no semiã¡rido de Pernambuco. Revista Brasileira De Geografia Fisica, 2020, 13, 391.	0.1	0