Guilherme P Koslovski

List of Publications by Year
in descending order

32 papers	231 citations	1477746 6 h-index	1199166 12 g-index
33 all docs	33 docs citations	33 times ranked	207 citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability Support in Virtual Infrastructures. , 2010, , .		33
2	VXDL: Virtual Resources and Interconnection Networks Description Language. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 138-154.	0.2	32
3	Joint Elastic Cloud and Virtual Network Framework for Application Performance-cost Optimization. Journal of Grid Computing, 2011, 9, 27-47.	2.5	28
4	Locating Virtual Infrastructures: Users and InP perspectives. , 2011, , .		16
5	A Cost Model for IaaS Clouds Based on Virtual Machine Energy Consumption. Journal of Grid Computing, 2018, 16, 493-512.	2.5	15
6	QoS-Aware Virtual Infrastructures Allocation on SDN-Based Clouds. , 2017, , .		13
7	Specifying and provisioning virtual infrastructures with HIPerNET. International Journal of Network Management, 2010, 20, 129-148.	1.4	12
8	QVIA-SDN: Towards QoS-Aware Virtual Infrastructure Allocation on SDN-based Clouds. Journal of Grid Computing, 2019, 17, 447-472.	2.5	10
9	Network-Aware Container Scheduling in Multi-Tenant Data Center. , 2019, , .		9
10	A Scalable Security Model for Enabling Dynamic Virtual Private Execution Infrastructures on the Internet. , 2009, , .		8
11	Optimal resource allocation for survivable virtual infrastructures. , 2014, , .		8
12	A tree-based algorithm for virtual infrastructure allocation with joint virtual machine and network requirements. International Journal of Network Management, 2017, 27, e1958.	1.4	6
13	Executing Distributed Applications on Virtualized Infrastructures Specified with the VXDL Language and Managed by the HIPerNET Framework. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 3-19.	0.2	6
14	Cloud broker proposal based on multicriteria decisionâ€making and virtual infrastructure migration. Software - Practice and Experience, 2019, 49, 1331-1351.	2.5	5
15	EAVIRA: Energy-Aware Virtual Infrastructure Reallocation Algorithm. , 2017, , .		4
16	Time-constrained and network-aware containers scheduling in GPU era. Future Generation Computer Systems, 2021, 117, 72-86.	4.9	4
17	A novel blockchain protocol for selecting microservices providers and auditing contracts. Journal of Systems and Software, 2021, 180, 111030.	3.3	4
18	Using Externals IdPs on OpenStack: A Security Analysis of OpenID Connect, Facebook Connect, and OpenStack Authentication. , 2018, , .		3

#	Article	IF	Citations
19	Allocation of Virtual Infrastructures on Multiple IaaS Providers with Survivability and Reliability Requirements. , 2018, , .		3
20	GreenHop: Open source environmental monitoring for small and medium data centers. , 2016, , .		2
21	DeepScheduling: Grid Computing Job Scheduler Based on Deep Reinforcement Learning. Advances in Intelligent Systems and Computing, 2020, , 1032-1044.	0.5	2
22	Um Modelo de Custo para Nuvens IaaS baseado no Consumo de Energia de MÃ¡quinas Virtuais. , 0, , .		2
23	Adaptive Remus: adaptive checkpointing for Xen-based virtual machine replication. International Journal of Parallel, Emergent and Distributed Systems, 2017, 32, 348-367.	0.7	1
24	Multicriteria Analysis for IaaS Cloud Providers Selection. , 2018, , .		1
25	An architecture for synchronising cloud file storage and organisation repositories. International Journal of Parallel, Emergent and Distributed Systems, 2019, 34, 538-555.	0.7	1
26	Analysis of Virtualized Congestion Control in Applications Based on Hadoop MapReduce. Communications in Computer and Information Science, 2020, , 37-52.	0.4	1
27	Predicting the Performance Impact of Increasing Memory Bandwidth for Scientific Workflows. , 2018, , .		0
28	CHAVE: Resource Consolidation with High Availability on Virtualized Environments. , 2018, , .		0
29	SDN4Moodle: an SDN-based Toolset to Enhance QoS of Moodle Platform. , 2018, , .		0
30	GPU-Accelerated Algorithms for Allocating Virtual Infrastructure in Cloud Data Centers. , 2018, , .		0
31	Executing distributed applications on SDN-based Data Center: A study with NAS Parallel Benchmark. , 2016, , .		0
32	A Taxonomy of container security on computational clouds: concerns and solutions. Revista De Informatica Teorica E Aplicada, 2019, 26, 47.	0.2	0