

Emiliano Casalicchio

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

605
citations

933447

10
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	On optimal service selection in Service Oriented Architectures. Performance Evaluation, 2010, 67, 659-675.	1.2	83
2	Mechanisms for SLA provisioning in cloud-based service providers. Computer Networks, 2013, 57, 795-810.	5.1	71
3	The state of the art in container technologies: Application, orchestration and security. Concurrency Computation Practice and Experience, 2020, 32, e5668.	2.2	56
4	Web switch support for differentiated services. Performance Evaluation Review, 2001, 29, 14-19.	0.6	56
5	Measuring Docker Performance. , 2017, , .		44
6	A study on performance measures for auto-scaling CPU-intensive containerized applications. Cluster Computing, 2019, 22, 995-1006.	5.0	42
7	Auto-Scaling of Containers: The Impact of Relative and Absolute Metrics. , 2017, , .		40
8	A Cluster-Based Web System Providing Differentiated and Guaranteed Services. Cluster Computing, 2004, 7, 7-19.	5.0	35
9	Container Orchestration: A Survey. EAI/Springer Innovations in Communication and Computing, 2019, , 221-235.	1.1	31
10	Content-Aware Dispatching Algorithms for Cluster-Based Web Servers. Cluster Computing, 2002, 5, 65-74.	5.0	25
11	Research challenges in legal-rule and QoS-aware cloud service brokerage. Future Generation Computer Systems, 2018, 78, 211-223.	7.5	19
12	Performance evaluation of container and virtual machine running cassandra workload. , 2017, , .		18
13	Autonomic Orchestration of Containers: Problem Definition and Research Challenges. , 2017, , .		18
14	Multi-Level Elastic Deployment of Containerized Applications in Geo-Distributed Environments. , 2018, , .		17
15	Performance evaluation of containers and virtual machines when running Cassandra workload concurrently. Concurrency Computation Practice and Experience, 2020, 32, e5693.	2.2	17
16	Energy-aware auto-scaling algorithms for Cassandra virtual data centers. Cluster Computing, 2017, 20, 2065-2082.	5.0	7
17	A Cloud Service Broker with Legal-Rule Compliance Checking and Quality Assurance Capabilities. Procedia Computer Science, 2015, 68, 136-150.	2.0	6
18	Energy-aware very fast decision tree. International Journal of Data Science and Analytics, 2021, 11, 105-126.	4.1	5

#	ARTICLE	IF	CITATIONS
19	ASiMOV: A self-protecting control application for the smart factory. Future Generation Computer Systems, 2021, 115, 213-235.	7.5	4
20	Energy-Aware Adaptation in Managed Cassandra Datacenters. , 2016, , .		3
21	A Novel Approach to Adaptive Content-based Subscription Management in DHT-based Overlay Networks. Journal of Grid Computing, 2006, 4, 343-353.	3.9	2
22	An Autonomic Legal-Rule Aware Cloud Service Broker. , 2015, , .		2
23	Use of Redundancy in the Design of a Secure Software Defined Industrial Control Application. , 2019, , .		2
24	An Inductive System Monitoring Approach for GNSS Activation. IFIP Advances in Information and Communication Technology, 2022, , 437-449.	0.7	1
25	irs-partition: An Intrusion Response System utilizing Deep Q-Networks and system partitions. SoftwareX, 2022, 19, 101120.	2.6	1