

Timothy Wood

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

981
citations

1478505

6
h-index

1872680

6
g-index

23
all docs

23
docs citations

23
times ranked

877
citing authors

#	ARTICLE	IF	CITATIONS
1	NetVM: High Performance and Flexible Networking Using Virtualization on Commodity Platforms. IEEE Transactions on Network and Service Management, 2015, 12, 34-47.	4.9	193
2	CloudNet. , 2011, , .		148
3	OpenNetVM. , 2016, , .		136
4	CloudNet: Dynamic Pooling of Cloud Resources by Live WAN Migration of Virtual Machines. IEEE/ACM Transactions on Networking, 2015, 23, 1568-1583.	3.8	122
5	NFVnice. , 2017, , .		83
6	Cost-Aware Cloud Bursting for Enterprise Applications. ACM Transactions on Internet Technology, 2014, 13, 1-24.	4.4	56
7	HybridMR: A Hierarchical MapReduce Scheduler for Hybrid Data Centers. , 2013, , .		52
8	Flurries. , 2016, , .		48
9	NFVnice: Dynamic Backpressure and Scheduling for NFV Service Chains. IEEE/ACM Transactions on Networking, 2020, 28, 639-652.	3.8	23
10	Adaptive dynamic priority scheduling for virtual desktop infrastructures. , 2012, , .		21
11	SDNFV. , 2016, , .		15
12	REINFORCE: Achieving Efficient Failure Resiliency for Network Function Virtualization-Based Services. IEEE/ACM Transactions on Networking, 2020, 28, 695-708.	3.8	15
13	NetKV: Scalable, Self-Managing, Load Balancing as a Network Function. , 2016, , .		14
14	Into the Storm: Descrying Optimal Configurations Using Genetic Algorithms and Bayesian Optimization. , 2017, , .		12
15	Topology Discovery and Service Classification for Distributed-Aware Clouds. , 2014, , .		11
16	Enterprise-Ready Virtual Cloud Pools: Vision, Opportunities and Challenges. Computer Journal, 2012, 55, 995-1004.	2.4	8
17	Multi-cache: Dynamic, Efficient Partitioning for Multi-tier Caches in Consolidated VM Environments. , 2016, , .		8
18	Protocols to support autonomy and control for NFV in software defined networks. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
19	Advancing Network Function Virtualization Platforms with Programmable NICs. , 2019, , .		4
20	Living on the Edge: Serverless Computing and the Cost of Failure Resiliency. , 2019, , .		4
21	Managing State for Failure Resiliency in Network Function Virtualization. , 2020, , .		3
22	Active network middleware with opennetVM. , 2017, , .		1
23	Introduction to the Special Issue with Selected Papers of The International Conference on Autonomic Computing and Self-Organizing Systems (ACSOS) 2020. ACM Transactions on Autonomous and Adaptive Systems, 2020, 15, 1-2.	0.8	0