

Dongsu Han

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,413
citations

933410

10
h-index

1058452

14
g-index

54
all docs

54
docs citations

54
times ranked

1018
citing authors

#	ARTICLE	IF	CITATIONS
1	Credit-Scheduled Delay-Bounded Congestion Control for Datacenters. , 2017, , .		144
2	XIA. , 2011, , .		87
3	Guaranteeing Deadlines for Inter-Data Center Transfers. IEEE/ACM Transactions on Networking, 2017, 25, 579-595.	3.8	73
4	ATLAS: A scalable and high-performance scheduling algorithm for multiple memory controllers. , 2010, , .		69
5	Access Point Localization Using Local Signal Strength Gradient. Lecture Notes in Computer Science, 2009, , 99-108.	1.3	68
6	PIAS: Practical Information-Agnostic Flow Scheduling for Commodity Data Centers. IEEE/ACM Transactions on Networking, 2017, 25, 1954-1967.	3.8	66
7	Neural-Enhanced Live Streaming. , 2020, , .		61
8	Practical, Real-time Centralized Control for CDN-based Live Video Delivery. , 2015, , .		52
9	NEMO. , 2020, , .		48
10	DX: Latency-Based Congestion Control for Datacenters. IEEE/ACM Transactions on Networking, 2017, 25, 335-348.	3.8	46
11	Breaking and Fixing VoLTE. , 2015, , .		45
12	BWA-MEME: BWA-MEM emulated with a machine learning approach. Bioinformatics, 2022, 38, 2404-2413.	4.1	44
13	A First Step Towards Leveraging Commodity Trusted Execution Environments for Network Applications. , 2015, , .		42
14	Guaranteeing deadlines for inter-datacenter transfers. , 2015, , .		41
15	SCX-Box. , 2017, , .		40
16	XIA. Computer Communication Review, 2014, 44, 50-57.	1.8	35
17	Practical, Real-time Centralized Control for CDN-based Live Video Delivery. Computer Communication Review, 2015, 45, 311-324.	1.8	33
18	Mark-and-sweep. , 2008, , .		28

#	ARTICLE	IF	CITATIONS
19	CAMEO. , 2013, , .		28
20	PIAS. , 2014, , .		25
21	SGX-Tor: A Secure and Practical Tor Anonymity Network With SGX Enclaves. IEEE/ACM Transactions on Networking, 2018, 26, 2174-2187.	3.8	25
22	Rate-aware flow scheduling for commodity data center networks. , 2017, , .		23
23	How will Deep Learning Change Internet Video Delivery?. , 2017, , .		23
24	Expeditus. , 2016, , .		21
25	Congestion Control for Cross-Datacenter Networks. , 2019, , .		21
26	Combining ECN and RTT for Datacenter Transport. , 2017, , .		17
27	FCP. , 2013, , .		16
28	Understanding tradeoffs in incremental deployment of new network architectures. , 2013, , .		16
29	U-HAUL. , 2016, , .		16
30	Expeditus: Congestion-Aware Load Balancing in Clos Data Center Networks. IEEE/ACM Transactions on Networking, 2017, 25, 3175-3188.	3.8	15
31	Network Stack as a Service in the Cloud. , 2017, , .		15
32	A Secure Middlebox Framework for Enabling Visibility Over Multiple Encryption Protocols. IEEE/ACM Transactions on Networking, 2020, 28, 2727-2740.	3.8	12
33	Enabling Automatic Protocol Behavior Analysis for Android Applications. , 2016, , .		11
34	Hulu in the neighborhood. , 2011, , .		10
35	Towards timeout-less transport in commodity datacenter networks. , 2021, , .		10
36	FCP. Computer Communication Review, 2013, 43, 135-146.	1.8	10

#	ARTICLE	IF	CITATIONS
37	Extractocol. , 2015, , .		10
38	Haetae: Scaling the Performance of Network Intrusion Detection with Many-Core Processors. Lecture Notes in Computer Science, 2015, , 89-110.	1.3	9
39	APPx. , 2018, , .		8
40	The hare and the tortoise. , 2011, , .		6
41	Predicting handoffs in 3G networks. , 2011, , .		6
42	FlowShader: a Generalized Framework for GPU-accelerated VNF Flow Processing. , 2019, , .		6
43	MemScope. , 2015, , .		5
44	Toward scaling hardware security module for emerging cloud services. , 2019, , .		5
45	Congestion Control for Cross-Datacenter Networks. IEEE/ACM Transactions on Networking, 2022, 30, 2074-2089.	3.8	5
46	Scaling the performance of network intrusion detection with many-core processors. , 2015, , .		3
47	Supporting network evolution and incremental deployment with XIA. , 2012, , .		2
48	Enabling near real-time central control for live video delivery in CDNs. , 2014, , .		2
49	Practical message-passing framework for large-scale combinatorial optimization. , 2015, , .		2
50	Application-specific Acceleration Framework for Mobile Applications. , 2016, , .		2
51	Supporting network evolution and incremental deployment with XIA. Computer Communication Review, 2012, 42, 281-282.	1.8	1
52	A Case for a Stateful Middlebox Networking Stack. , 2015, , .		0
53	NetKernel: Making Network Stack Part of the Virtualized Infrastructure. IEEE/ACM Transactions on Networking, 2022, 30, 999-1013.	3.8	0