

Ralf Kundel

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

128
citations

2682572

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2917675

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g-index

19
all docs

19
docs citations

19
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	P4-CoDel: Active Queue Management in Programmable Data Planes. , 2018, , .		28
2	OpenBNG: Central office network functions on programmable data plane hardware. International Journal of Network Management, 2021, 31, e2134.	2.2	18
3	P4STA: High Performance Packet Timestamping with Programmable Packet Processors. , 2020, , .		15
4	P4-BNG: Central Office Network Functions on Programmable Packet Pipelines. , 2019, , .		13
5	Flexible Content-based Publish/Subscribe over Programmable Data Planes. , 2020, , .		10
6	User Plane Hardware Acceleration in Access Networks: Experiences in Offloading Network Functions in Real 5G Deployments. , 0, , .		10
7	P4-CoDel: Experiences on Programmable Data Plane Hardware. , 2021, , .		6
8	Network Testing Utilizing Programmable Network Hardware. IEEE Communications Magazine, 2022, 60, 12-17.	6.1	6
9	Improving DDoS Attack Detection Leveraging a Multi-aspect Ensemble Feature Selection. , 2022, , .		6
10	Topology-aware Path Planning for In-Transit Coverage of Aerial Post-Disaster Communication Assistance Systems. , 2020, , .		4
11	How to measure the speed of light with programmable data plane hardware?. , 2019, , .		3
12	INetCEP: In-Network Complex Event Processing for Information-Centric Networking. , 2019, , .		2
13	Microbursts in Software and Hardware-based Traffic Load Generation. , 2020, , .		2
14	Host Bypassing: Direct Data Piping from the Network to the Hardware Accelerator. , 2021, , .		2
15	Monitoring Flows with Per-Application Granularity using Programmable Data Planes. , 2021, , .		1
16	Chaining of hardware accelerated Virtual Network Functions in PCIe Environments. , 2019, , .		1
17	Poster: Reverse-Path Congestion Notification: Accelerating the Congestion Control Feedback Loop. , 2021, , .		1
18	POSTER: Leveraging PIFO Queues for Scheduling in Time-Sensitive Networks. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	FPGA-assisted Massive Packet Queueing and Traffic Shaping at the Network Edge. , 2022, , .		0