Ralf Kundel

List of Publications by Year
in descending order

19 papers	128 citations	2682572 2 h-index	2917675 2 g-index
19 all docs	19 docs citations	19 times ranked	64 citing authors

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

#	Article	IF	Citations
19	User Plane Hardware Acceleration in Access Networks: Experiences in Offloading Network Functions in Real 5G Deployments. , 0, , .		10