Sebastian GallenmÃ¼ller

List of Publications by Year
in descending order

		2258059	2550090
27 papers	567 citations	3 h-index	3 g-index
27 all docs	27 docs citations	27 times ranked	375 citing authors

#	Article	IF	Citations
1	HVNet: Hardware-Assisted Virtual Networking on a Single Physical Host. , 2022, , .		4
2	Ducked Tails: Trimming the Tail Latency of(f) Packet Processing Systems. , 2021, , .		4
3	EnGINE: Developing a Flexible Research Infrastructure for Reliable and Scalable Intra-Vehicular TSN Networks. , 2021, , .		7
4	The pos framework. , 2021, , .		16
5	High-Performance Match-Action Table Updates from within Programmable Software Data Planes. , 2021, , .		1
6	A Framework for Reproducible Data Plane Performance Modeling. , 2021, , .		1
7	5G QoS: Impact of Security Functions on Latency. , 2020, , .		7
8	NCSbench: Reproducible Benchmarking Platform for Networked Control Systems. , 2020, , .		1
9	5G URLLC: A Case Study on Low-Latency Intrusion Prevention. IEEE Communications Magazine, 2020, 58, 35-41.	6.1	18
10	SYN Flood Defense in Programmable Data Planes. , 2020, , .		11
11	Key Properties of Programmable Data Plane Targets. , 2020, , .		7
12	Enabling Wireless Network Support for Gain Scheduled Control. , 2019, , .		1
13	Design of a Networked Controller for a Two-Wheeled Inverted Pendulum Robot. IFAC-PapersOnLine, 2019, 52, 169-174.	0.9	7
14	Cryptographic Hashing in P4 Data Planes. , 2019, , .		27
15	High-performance packet processing and measurements. , 2018, , .		7
16	Throughput and Latency of Virtual Switching with Open vSwitch: A Quantitative Analysis. Journal of Network and Systems Management, 2018, 26, 314-338.	4.9	37
17	Benchmarking Networked Control Systems. , 2018, , .		4
18	Building Fast but Flexible Software Routers. , 2017, , .		7

#	Article	IF	Citations
19	FlowScope: Efficient packet capture and storage in 100 Gbit/s networks. , 2017, , .		16
20	Mind the Gap - A Comparison of Software Packet Generators. , 2017, , .		23
21	Efficient Serving of VPN Endpoints on COTS Server Hardware. , 2016, , .		6
22	FLOWer â€" Device benchmarking beyond 100 Gbit/s. , 2016, , .		3
23	Revisiting Benchmarking Methodology for Interconnect Devices. , 2016, , .		8
24	Performance benchmarking of a software-based LTE SGW. , 2015, , .		21
25	Comparison of frameworks for high-performance packet IO. , 2015, , .		78
26	Optimizing latency and CPU load in packet processing systems. , 2015, , .		16
27	MoonGen. , 2015, , .		229