

Sebastian Gallenmüller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5828668/publications.pdf>

Version: 2024-02-01

27
papers

567
citations

2258059

3
h-index

2550090

3
g-index

27
all docs

27
docs citations

27
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	MoonGen. , 2015, , .		229
2	Comparison of frameworks for high-performance packet IO. , 2015, , .		78
3	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
4	Cryptographic Hashing in P4 Data Planes. , 2019, , .		27
5	Mind the Gap - A Comparison of Software Packet Generators. , 2017, , .		23
6	Performance benchmarking of a software-based LTE SGW. , 2015, , .		21
7	5G URLLC: A Case Study on Low-Latency Intrusion Prevention. IEEE Communications Magazine, 2020, 58, 35-41.	6.1	18
8	Optimizing latency and CPU load in packet processing systems. , 2015, , .		16
9	FlowScope: Efficient packet capture and storage in 100 Gbit/s networks. , 2017, , .		16
10	The pos framework. , 2021, , .		16
11	SYN Flood Defense in Programmable Data Planes. , 2020, , .		11
12	Revisiting Benchmarking Methodology for Interconnect Devices. , 2016, , .		8
13	Building Fast but Flexible Software Routers. , 2017, , .		7
14	High-performance packet processing and measurements. , 2018, , .		7
15	Design of a Networked Controller for a Two-Wheeled Inverted Pendulum Robot. IFAC-PapersOnLine, 2019, 52, 169-174.	0.9	7
16	5G QoS: Impact of Security Functions on Latency. , 2020, , .		7
17	EnGINE: Developing a Flexible Research Infrastructure for Reliable and Scalable Intra-Vehicular TSN Networks. , 2021, , .		7
18	Key Properties of Programmable Data Plane Targets. , 2020, , .		7

#	ARTICLE	IF	CITATIONS
19	Efficient Serving of VPN Endpoints on COTS Server Hardware. , 2016, , .		6
20	Benchmarking Networked Control Systems. , 2018, , .		4
21	Ducked Tails: Trimming the Tail Latency of(f) Packet Processing Systems. , 2021, , .		4
22	HVNet: Hardware-Assisted Virtual Networking on a Single Physical Host. , 2022, , .		4
23	FLOWer " Device benchmarking beyond 100 Gbit/s. , 2016, , .		3
24	Enabling Wireless Network Support for Gain Scheduled Control. , 2019, , .		1
25	NCSbench: Reproducible Benchmarking Platform for Networked Control Systems. , 2020, , .		1
26	High-Performance Match-Action Table Updates from within Programmable Software Data Planes. , 2021, , .		1
27	A Framework for Reproducible Data Plane Performance Modeling. , 2021, , .		1