

Sebastiano Miano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2992657/publications.pdf>

Version: 2024-02-01

13
papers

220
citations

2258059

3
h-index

2272923

4
g-index

13
all docs

13
docs citations

13
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Domain specific run time optimization for software data planes. , 2022, , .		6
2	A Framework for eBPF-Based Network Functions in an Era of Microservices. IEEE Transactions on Network and Service Management, 2021, 18, 133-151.	4.9	37
3	Providing Telco-oriented Network Services with eBPF: the Case for a 5G Mobile Gateway. , 2021, , .		9
4	The case for network functions decomposition. , 2021, , .		4
5	Transforming a Traditional Home Gateway into a Hardware-accelerated SDN Switch. International Journal of Electrical and Computer Engineering, 2020, 10, 2668.	0.7	1
6	A proof-of-concept 5G mobile gateway with eBPF. , 2020, , .		7
7	Introducing SmartNICs in Server-Based Data Plane Processing: The DDoS Mitigation Use Case. IEEE Access, 2019, 7, 107161-107170.	4.2	30
8	A Service-Agnostic Software Framework for Fast and Efficient in-Kernel Network Services. , 2019, , .		7
9	Securing Linux with a faster and scalable iptables. Computer Communication Review, 2019, 49, 2-17.	1.8	27
10	Creating Complex Network Services with eBPF: Experience and Lessons Learned. , 2018, , .		56
11	Accelerating Linux Security with eBPF iptables. , 2018, , .		27
12	Partial offloading of OpenFlow rules on a traditional hardware switch ASIC. , 2017, , .		2
13	Enabling NFV Services on Resource-Constrained CPEs. , 2016, , .		7