Sebastiano Miano

List of Publications by Year
in descending order

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