Anat Bremler-Barr

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6302845/publications.pdf

Version: 2024-02-01

49 papers	861 citations	840776 11 h-index	794594 19 g-index
51 all docs	51 docs citations	51 times ranked	783 citing authors

#	Article	IF	Citations
1	Dynamic-Deep: Tune ECG Task Performance and Optimize Compression in IoT Architectures. , 2022, , .		0
2	Demo: NFV-based IoT Security at the ISP Level. , 2020, , .		3
3	NFV-based IoT Security for Home Networks using MUD. , 2020, , .		12
4	IoT or NoT: Identifying IoT Devices in a Short Time Scale. , 2020, , .		18
5	DNS Negative Caching in the Wild. , 2019, , .		4
6	Zero-Day Signature Extraction for High-Volume Attacks. IEEE/ACM Transactions on Networking, 2019, 27, 691-706.	3.8	16
7	Detecting heavy flows in the SDN match and action model. Computer Networks, 2018, 136, 1-12.	5.1	48
8	Encoding Short Ranges in TCAM Without Expansion: Efficient Algorithm and Applications. IEEE/ACM Transactions on Networking, 2018, 26, 835-850.	3.8	20
9	Network anti-spoofing with SDN data plane. , 2017, , .		41
10	DDoS attack on cloud auto-scaling mechanisms. , 2017, , .		24
11	Load balancing memcached traffic using software defined networking. , 2017, , .		9
12	Scalable URL matching with small memory footprint. , 2016, , .		0
13	OpenBox. , 2016, , .		136
14	Efficient Round-Trip Time monitoring in OpenFlow networks. , 2016, , .		31
15	Making DPI Engines Resilient to Algorithmic Complexity Attacks. IEEE/ACM Transactions on Networking, 2016, 24, 3262-3275.	3.8	9
16	Leveraging traffic repetitions for high-speed deep packet inspection. , 2015, , .		7
17	Accelerating regular expression matching over compressed HTTP. , 2015, , .		12
18	Orange: multi field openflow based range classifier. , 2015, , .		7

#	Article	IF	Citations
19	Sampling and Large Flow Detection in SDN. Computer Communication Review, 2015, 45, 345-346.	1.8	17
20	Yo-Yo Attack. Computer Communication Review, 2015, 45, 103-104.	1.8	3
21	Sampling and Large Flow Detection in SDN. , 2015, , .		15
22	Yo-Yo Attack. , 2015, , .		3
23	Deep Packet Inspection as a Service. , 2014, , .		74
24	CompactDFA: Scalable Pattern Matching Using Longest Prefix Match Solutions. IEEE/ACM Transactions on Networking, 2014, 22, 415-428.	3.8	18
25	Computer and network performance: Graduating from the â€œAge of Innocenceâ€• Computer Networks, 2014, 66, 68-81.	5.1	3
26	Vulnerability of Network Mechanisms to Sophisticated DDoS Attacks. IEEE Transactions on Computers, 2013, 62, 1031-1043.	3.4	27
27	Automated signature extraction for high volume attacks. , 2013, , .		6
28	On the exploitation of CDF based wireless scheduling. Computer Networks, 2013, 57, 2193-2205.	5.1	2
29	Decompression-free inspection: DPI for shared dictionary compression over HTTP. , 2012, , .		10
30	Layered interval codes for TCAM-based classification. Computer Networks, 2012, 56, 3023-3039.	5.1	13
31	Accelerating Multipattern Matching on Compressed HTTP Traffic. IEEE/ACM Transactions on Networking, 2012, 20, 970-983.	3.8	21
32	Space efficient deep packet inspection of compressed web traffic. Computer Communications, 2012, 35, 810-819.	5.1	10
33	Space-Efficient TCAM-Based Classification Using Gray Coding. IEEE Transactions on Computers, 2012, 61, 18-30.	3.4	72
34	On the Vulnerability of Hardware Hash Tables to Sophisticated Attacks. Lecture Notes in Computer Science, 2012, , 135-148.	1.3	8
35	Space-time tradeoffs in software-based deep Packet Inspection. , 2011, , .		13
36	Shift-based pattern matching for compressed web traffic. , 2011, , .		5

#	Article	IF	Citations
37	On the vulnerability of the proportional fairness scheduler to retransmission attacks. , 2011, , .		9
38	PEDS: A Parallel Error Detection Scheme for TCAM Devices. IEEE/ACM Transactions on Networking, 2010, 18, 1665-1675.	3.8	12
39	CompactDFA: Generic State Machine Compression for Scalable Pattern Matching. , 2010, , .		28
40	Bringing order to BGP: Decreasing time and message complexity. Computer Networks, 2009, 53, 2241-2256.	5.1	3
41	Protecting bursty applications against traffic aggressiveness. Computer Networks, 2007, 51, 3864-3877.	5.1	0
42	Unregister Attacks in SIP. , 2006, , .		10
43	Protecting Bursty Applications Against Traffic Aggressiveness. IEEE International Workshop on Quality of Service, 2006, , .	0.0	7
44	Improved BGP Convergence via Ghost Flushing. IEEE Journal on Selected Areas in Communications, 2004, 22, 1933-1948.	14.0	31
45	Path Layout on Tree Networks: Bounds in Different Label Switching Models. Lecture Notes in Computer Science, 2004, , 35-46.	1.3	0
46	Predicting and bypassing end-to-end internet service degradations. IEEE Journal on Selected Areas in Communications, 2003, 21, 961-978.	14.0	9
47	On the structure and application of BGP policy atoms. , 2002, , .		17
48	Restoration by path concatenation: fast recovery of MPLS paths. Distributed Computing, 2002, 15, 273-283.	0.8	8
49	Routing with a clue. IEEE/ACM Transactions on Networking, 2001, 9, 693-705.	3.8	8