Alberto Dainotti

List of Publications by Year
in descending order

65 papers	2,579 citations	430874 18 h-index	395702 33 g-index
66 all docs	66 docs citations	66 times ranked	1668 citing authors

#	Article	IF	Citations
1	Issues and future directions in traffic classification. IEEE Network, 2012, 26, 35-40.	6.9	455
2	A tool for the generation of realistic network workload for emerging networking scenarios. Computer Networks, 2012, 56, 3531-3547.	5.1	410
3	Analysis of country-wide internet outages caused by censorship. , 2011, , .		143
4	Millions of targets under attack. , 2017, , .		75
5	Reviewing Traffic Classification. Lecture Notes in Computer Science, 2013, , 123-147.	1.3	70
6	Internet traffic modeling by means of Hidden Markov Models. Computer Networks, 2008, 52, 2645-2662.	5.1	69
7	Do you trust your software-based traffic generator?. , 2010, 48, 158-165.		69
8	Traffic analysis of peer-to-peer IPTV communities. Computer Networks, 2009, 53, 470-484.	5.1	66
9	PortLoad: Taking the Best of Two Worlds in Traffic Classification. , 2010, , .		65
10	ARTEMIS: Neutralizing BGP Hijacking Within a Minute. IEEE/ACM Transactions on Networking, 2018, 26, 2471-2486.	3.8	60
11	BGPStream. , 2016, , .		59
12	Early Classification of Network Traffic through Multi-classification. Lecture Notes in Computer Science, 2011, , 122-135.	1.3	55
13	Classification of Network Traffic via Packet-Level Hidden Markov Models. , 2008, , .		52
14	Traffic identification engine: an open platform for traffic classification. IEEE Network, 2014, 28, 56-64.	6.9	52
15	Analysis of a "/0" stealth scan from a botnet. , 2012, , .		51
16	Analysis of a â€œ/0â€•Stealth Scan From a Botnet. IEEE/ACM Transactions on Networking, 2015, 23, 341-354.	3.8	47
17	NIS04-1: Wavelet-based Detection of DoS Attacks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	45
18	Profiling BGP Serial Hijackers. , 2019, , .		43

#	Article	IF	Citations
19	A cascade architecture for DoS attacks detection based on the wavelet transform. Journal of Computer Security, 2009, 17, 945-968.	0.8	41
20	A Survey among Network Operators on BGP Prefix Hijacking. Computer Communication Review, 2018, 48, 64-69.	1.8	41
21	BGP hijacking classification. , 2019, , .		39
22	SWIFT. , 2017, , .		39
23	Estimating internet address space usage through passive measurements. Computer Communication Review, 2013, 44, 42-49.	1.8	38
24	Extracting benefit from harm. Computer Communication Review, 2012, 42, 31-39.	1.8	31
25	TIE: A Community-Oriented Traffic Classification Platform. Lecture Notes in Computer Science, 2009, , 64-74.	1.3	31
26	Lost in Space: Improving Inference of IPv4 Address Space Utilization. IEEE Journal on Selected Areas in Communications, 2016, 34, 1862-1876.	14.0	25
27	Uncovering network tarpits with degreaser. , 2014, , .		23
28	Analysis of Country-Wide Internet Outages Caused by Censorship. IEEE/ACM Transactions on Networking, 2014, 22, 1964-1977.	3.8	22
29	K-Dimensional Trees for Continuous Traffic Classification. Lecture Notes in Computer Science, 2010, , 141-154.	1.3	21
30	Do you know what you are generating?. , 2007, , .		20
31	Leveraging Internet Background Radiation for Opportunistic Network Analysis. , 2015, , .		20
32	A multi-perspective view of Internet censorship in Myanmar. , 2021, , .		19
33	DynamIPs. , 2020, , .		18
34	At Home and Abroad: The Use of Denial-of-service Attacks during Elections in Nondemocratic Regimes. Journal of Conflict Resolution, 2020, 64, 373-401.	2.0	17
35	A First Joint Look at DoS Attacks and BGP Blackholing in the Wild. , 2018, , .		15
36	Traffic Classification through Joint Distributions of Packet-Level Statistics. , 2011, , .		14

#	Article	IF	Citations
37	Chocolatine: Outage Detection for Internet Background Radiation. , 2019, , .		14
38	To Filter or Not to Filter: Measuring the Benefits of Registering in the RPKI Today. Lecture Notes in Computer Science, 2020, , 71-87.	1.3	13
39	Lessons learned organizing the PAM 2020 virtual conference. Computer Communication Review, 2020, 50, 46-54.	1.8	13
40	Analysis of internet-wide probing using darknets. , 2012, , .		11
41	Gaining insight into AS-level outages through analysis of Internet Background Radiation. , 2013, , .		11
42	QRP07-2: An HMM Approach to Internet Traffic Modeling. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	10
43	SCTP performance evaluation over heterogeneous networks. Concurrency Computation Practice and Experience, 2007, 19, 1207-1218.	2.2	10
44	Inferring Carrier-Grade NAT Deployment in the Wild. , 2018, , .		10
45	Towards passive analysis of anycast in global routing. Computer Communication Review, 2019, 49, 18-25.	1.8	10
46	MAnycast2. , 2020, , .		10
47	How to Find Correlated Internet Failures. Lecture Notes in Computer Science, 2019, , 210-227.	1.3	9
48	A coordinated view of the temporal evolution of large-scale Internet events. Computing (Vienna/New) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.8	8
49	How Dangerous Is Internet Scanning?. Lecture Notes in Computer Science, 2015, , 158-172.	1.3	8
50	Geo-locating BGP prefixes. , 2019, , .		7
51	Identifying ASes of state-owned internet operators. , 2021, , .		7
52	Searching for invariants in network games traffic. , 2006, , .		6
53	Gaining insight into AS-level outages through analysis of internet background radiation. , 2012, , .		6
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#	Article	IF	Citations
55	On the Potential of BGP Flowspec for DDoS Mitigation at Two Sources. , 2018, , .		6
56	ARTEMIS. , 2018, , .		5
57	Using a Behaviour Knowledge Space Approach for Detecting Unknown IP Traffic Flows. Lecture Notes in Computer Science, 2011, , 360-369.	1.3	5
58	AS-Path Prepending. , 2020, , .		5
59	Attack or Block? Repertoires of Digital Censorship in Autocracies. Journal of Information Technology and Politics, 2023, 20, 60-73.	2.9	5
60	The parallel lives of autonomous systems. , 2021, , .		3
61	Gaining insight into AS-level outages through analysis of Internet background radiation. , 2013, , .		2
62	The BGP hackathon 2016 report. Computer Communication Review, 2018, 46, 1-6.	1.8	2
63	Open collaborative hyperpapers. Computer Communication Review, 2019, 49, 31-33.	1.8	2
64	The Forgotten Side of DNS: Orphan and Abandoned Records. , 2020, , .		1
65	Special issue on measure, detect and mitigateâ€"challenges and trends in network security. International Journal of Network Management, 2015, 25, 261-262.	2.2	0