

Michalis Faloutsos

List of Publications by Year in descending order

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Version: 2024-02-01

141
papers

10,080
citations

236925

25
h-index

133252

59
g-index

144
all docs

144
docs citations

144
times ranked

5174
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>LinkMan</i>. , 2021, , .		0
2	RloTMAN. , 2020, , .		5
3	An Empirical Study of Malicious Threads in Security Forums. , 2019, , .		1
4	Extracting actionable information from Security Forums. , 2019, , .		1
5	Mining Actionable Information from Security Forums: The Case of Malicious IP Addresses. Lecture Notes in Social Networks, 2019, , 193-211.	0.1	0
6	RARE: A Systematic Augmented Router Emulation for Malware Analysis. Lecture Notes in Computer Science, 2018, , 60-72.	1.3	1
7	MIMiS: Minimally Intrusive Mining of Smartphone User Behaviors. , 2018, , .		2
8	FAROS: Illuminating In-memory Injection Attacks via Provenance-Based Whole-System Dynamic Information Flow Tracking. , 2018, , .		2
9	RIPEX: Extracting Malicious IP Addresses from Security Forums Using Cross-Forum Learning. Lecture Notes in Computer Science, 2018, , 517-529.	1.3	7
10	Characterizing the behavior of handheld devices and its implications. Computer Networks, 2017, 114, 1-12.	5.1	19
11	Facebook wall posts: a model of user behaviors. Social Network Analysis and Mining, 2017, 7, 1.	2.8	13
12	One Size Does Not Fit All. , 2017, , .		7
13	Improving Smartphone Security and Reliability. Journal of Interconnection Networks, 2017, 17, 1740002.	1.0	0
14	InferIP. , 2017, , .		7
15	Behavioral anomaly detection of malware on home routers. , 2017, , .		21
16	TrollSpot. , 2017, , .		11
17	Cross-layer personalization as a first-class citizen for situation awareness and computer infrastructure security. , 2016, , .		0
18	âœœInfect-me-notâœœ: A user-centric and site-centric study of web-based malware. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	Comment-Profiler: Detecting Trends and Parasitic Behaviors in Online Comments. Lecture Notes in Computer Science, 2016, , 75-91.	1.3	1
20	Innovative Routes for Enhancing Adolescent Marijuana Treatment: Interplay of Peer Influence Across Social Media and Geolocation. Current Addiction Reports, 2016, 3, 221-229.	3.4	3
21	Eigen-Optimization on Large Graphs by Edge Manipulation. ACM Transactions on Knowledge Discovery From Data, 2016, 10, 1-30.	3.5	36
22	Detecting Malicious Facebook Applications. IEEE/ACM Transactions on Networking, 2016, 24, 773-787.	3.8	16
23	TrueView. , 2015, , .		21
24	A behavior-aware profiling of handheld devices. , 2015, , .		7
25	If walls could talk. , 2015, , .		24
26	TrackAdvisor: Taking Back Browsing Privacy from Third-Party Trackers. Lecture Notes in Computer Science, 2015, , 277-289.	1.3	25
27	Which phone will you get next: Observing trends and predicting the choice. , 2014, , .		5
28	Scanner hunter. , 2014, , .		7
29	Whom Does Your Android App Talk To?. , 2014, , .		0
30	Determining Developers' Expertise and Role: A Graph Hierarchy-Based Approach. , 2014, , .		11
31	The socio-monetary incentives of online social network malware campaigns. , 2014, , .		4
32	An integrated routing and rate adaptation framework for multi-rate multi-hop wireless networks. Wireless Networks, 2013, 19, 985-1003.	3.0	7
33	Inferring cellular user demographic information using homophily on call graphs. , 2013, , .		3
34	On the usage patterns of multi-modal communication: Countries and evolution. , 2013, , .		2
35	Analyzing Communication Interaction Networks (CINs) in enterprises and inferring hierarchies. Computer Networks, 2013, 57, 2147-2158.	5.1	7
36	iDispatcher: A unified platform for secure planet-scale information dissemination. Peer-to-Peer Networking and Applications, 2013, 6, 46-60.	3.9	2

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37	Smartphone viruses propagation on heterogeneous composite networks. , 2013, , .		3
38	Inferring cellular user demographic information using homophily on call graphs. , 2013, , .		10
39	On the usage patterns of multimodal communication: Countries and evolution. , 2013, , .		7
40	Competing Memes Propagation on Networks: A Network Science Perspective. IEEE Journal on Selected Areas in Communications, 2013, 31, 1049-1060.	14.0	80
41	An analysis of socware cascades in online social networks. , 2013, , .		26
42	Detecting malware with graph-based methods. , 2013, , .		8
43	FRAppE. , 2012, , .		29
44	Competing memes propagation on networks. Computer Communication Review, 2012, 42, 5-12.	1.8	42
45	ProfileDroid. , 2012, , .		139
46	Obtaining Provably Legitimate Internet Topologies. IEEE/ACM Transactions on Networking, 2012, 20, 271-284.	3.8	4
47	Permission evolution in the Android ecosystem. , 2012, , .		111
48	SubFlow: Towards practical flow-level traffic classification. , 2012, , .		26
49	Link Positions Matter: A Noncommutative Routing Metric for Wireless Mesh Networks. IEEE Transactions on Mobile Computing, 2012, 11, 61-72.	5.8	29
50	Threshold conditions for arbitrary cascade models on arbitrary networks. Knowledge and Information Systems, 2012, 33, 549-575.	3.2	100
51	Graph-based analysis and prediction for software evolution. , 2012, , .		96
52	Gelling, and melting, large graphs by edge manipulation. , 2012, , .		147
53	Malicious Android Applications in the Enterprise: What Do They Do and How Do We Fix It?. , 2012, , .		24
54	Internet Topology. , 2012, , 1663-1680.		4

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55	Threshold Conditions for Arbitrary Cascade Models on Arbitrary Networks. , 2011, , .		67
56	Coping with packet replay attacks in wireless networks. , 2011, , .		14
57	Analyzing interaction communication networks in enterprises and identifying hierarchies. , 2011, , .		3
58	Graption: A graph-based P2P traffic classification framework for the internet backbone. Computer Networks, 2011, 55, 1909-1920.	5.1	50
59	SUT: Quantifying and mitigating URL typosquatting. Computer Networks, 2011, 55, 3001-3014.	5.1	20
60	PhishDef: URL names say it all. , 2011, , .		113
61	Network-level characteristics of spamming: An empirical analysis. , 2011, , .		2
62	Non-binary information propagation: Modeling BGP routing churn. , 2011, , .		3
63	A Unified Metric for Routing and Rate Adaptation in Multi-Rate Wireless Mesh Networks. , 2011, , .		5
64	XLR: Tackling the Inefficiency of Landmark-Based Routing in Large Wireless Sensor Networks. , 2011, , .		0
65	Epidemic Spread in Mobile Ad Hoc Networks: Determining the Tipping Point. Lecture Notes in Computer Science, 2011, , 266-280.	1.3	36
66	Link Homophily in the Application Layer and its Usage in Traffic Classification. , 2010, , .		17
67	Characterizing the Scam Hosting Infrastructure. , 2010, , .		0
68	Profiling-By-Association. , 2010, , .		24
69	A simple conceptual generator for the Internet graph. , 2010, , .		3
70	Online social networks. IEEE Network, 2010, 24, 4-5.	6.9	16
71	Measurement-Driven Guidelines for 802.11 WLAN Design. IEEE/ACM Transactions on Networking, 2010, 18, 722-735.	3.8	49
72	A First Step Towards Understanding Popularity in YouTube. , 2010, , .		123

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73	On the Uplink Capacity of Hybrid Cellular Ad Hoc Networks. , 2010, , .		3
74	Virus Propagation on Time-Varying Networks: Theory and Immunization Algorithms. Lecture Notes in Computer Science, 2010, , 99-114.	1.3	84
75	BGP-lens. , 2009, , .		25
76	You must be joking.... Computer Communication Review, 2009, 39, 60-61.	1.8	0
77	You must be joking.... Computer Communication Review, 2009, 39, 49-50.	1.8	0
78	Graph-Based P2P Traffic Classification at the Internet Backbone. , 2009, , .		28
79	Lord of the Links: A Framework for Discovering Missing Links in the Internet Topology. IEEE/ACM Transactions on Networking, 2009, 17, 391-404.	3.8	70
80	Impact of IT monoculture on behavioral end host intrusion detection. , 2009, , .		4
81	Exploiting dynamicity in graph-based traffic analysis. , 2009, , .		43
82	The P2P war: Someone is monitoring your activities. Computer Networks, 2008, 52, 1272-1280.	5.1	14
83	The eBay graph: How do online auction users interact?.. , 2008, , .		10
84	Routing in Vehicular Networks: Feasibility, Modeling, and Security. International Journal of Vehicular Technology, 2008, 2008, 1-8.	1.1	29
85	Profiling podcast-based content distribution. , 2008, , .		0
86	You must be joking.... Computer Communication Review, 2008, 38, 91-92.	1.8	0
87	You must be joking.... Computer Communication Review, 2008, 38, 73-74.	1.8	0
88	You must be joking.... Computer Communication Review, 2008, 39, 77-78.	1.8	0
89	Assessing link quality in IEEE 802.11 Wireless Networks: Which is the right metric?.. , 2008, , .		113
90	Internet traffic classification demystified. , 2008, , .		366

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91	You must be joking.... Computer Communication Review, 2008, 38, 49-50.	1.8	0
92	Revisiting minimum cost reliable routing in wireless mesh networks. , 2007, , .		3
93	You must be joking... warns you. Computer Communication Review, 2007, 37, 93-94.	1.8	0
94	You must be joking.... Computer Communication Review, 2007, 37, 75-76.	1.8	6
95	You must be joking. Computer Communication Review, 2007, 37, 79-82.	1.8	7
96	MDG. , 2007, , .		35
97	Network monitoring using traffic dispersion graphs (tdgs). , 2007, , .		124
98	A Cross-Layer Framework for Exploiting Virtual MISO Links in Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2007, 6, 579-594.	5.8	134
99	Clustering by common friends finds locally significant proteins mediating modules. Bioinformatics, 2007, 23, 1124-1131.	4.1	29
100	Understanding and Exploiting the Trade-Offs between Broadcasting and Multicasting in Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2007, 6, 264-279.	5.8	15
101	A Blueprint for a Manageable and Affordable Wireless Testbed: Design, Pitfalls and Lessons Learned. , 2007, , .		11
102	Multiband Media Access Control in Impulse-Based UWB Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2007, 6, 351-366.	5.8	13
103	Routing amid Colluding Attackers. , 2007, , .		28
104	On broadcasting with cooperative diversity in multi-hop wireless networks. IEEE Journal on Selected Areas in Communications, 2007, 25, 484-496.	14.0	63
105	DART: Dynamic Address RouTing for Scalable Ad Hoc and Mesh Networks. IEEE/ACM Transactions on Networking, 2007, 15, 119-132.	3.8	100
106	A novel adaptive protocol for lightweight efficient multicasting in ad hoc networks. Computer Networks, 2007, 51, 823-834.	5.1	9
107	Sampling large Internet topologies for simulation purposes. Computer Networks, 2007, 51, 4284-4302.	5.1	56
108	TrueLink: A Practical Countermeasure to the Wormhole Attack in Wireless Networks. , 2006, , .		105

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109	BiToS: Enhancing BitTorrent for Supporting Streaming Applications. , 2006, , .		223
110	NETp1-04: "Dude, where' my Peer?". IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
111	Jellyfish: A conceptual model for the as Internet topology. Journal of Communications and Networks, 2006, 8, 339-350.	2.6	70
112	Public real data repositories and measurement tools. Computer Communication Review, 2006, 36, 37-40.	1.8	2
113	You must be joking.... Computer Communication Review, 2006, 36, 71-72.	1.8	1
114	Public review for the internet AS-level topology. Computer Communication Review, 2006, 36, 15-16.	1.8	2
115	You must be joking.... Computer Communication Review, 2006, 36, 61-62.	1.8	0
116	You must be joking... dares to ask. Computer Communication Review, 2006, 36, 103-104.	1.8	0
117	A new binary conflict resolution-based MAC protocol for impulse-based UWB ad hoc networks. Wireless Communications and Mobile Computing, 2006, 6, 933-949.	1.2	5
118	Application versus network layer multicasting in ad hoc networks: the ALMA routing protocol. Ad Hoc Networks, 2006, 4, 283-300.	5.5	40
119	AQoSM: Scalable QoS multicast provisioning in Diff-Serv networks. Computer Networks, 2006, 50, 80-105.	5.1	20
120	You must be joking. Computer Communication Review, 2006, 36, 95-96.	1.8	0
121	Wireless Network Simulation: Towards a Systematic Approach. Advances in Computer Science and Engineering, 2006, , 75-100.	0.2	1
122	BLINC. , 2005, , .		595
123	Performance Evaluation of a New MAC Protocol for the CDMA Interconnection Network. Telecommunication Systems, 2005, 29, 33-46.	2.5	0
124	BLINC. Computer Communication Review, 2005, 35, 229-240.	1.8	350
125	Transport layer identification of P2P traffic. , 2004, , .		542
126	An architecture for scalabel efficient, and fast fault-tolerant multicast provisioning. IEEE Network, 2004, 18, 26-34.	6.9	35

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127	A linear-time optimal-message distributed algorithm for minimum spanning trees. Distributed Computing, 2004, 17, 151.	0.8	10
128	Long-range dependence ten years of Internet traffic modeling. IEEE Internet Computing, 2004, 8, 57-64.	3.3	218
129	Power laws and the AS-level internet topology. IEEE/ACM Transactions on Networking, 2003, 11, 514-524.	3.8	289
130	A user-friendly self-similarity analysis tool. Computer Communication Review, 2003, 33, 81-93.	1.8	53
131	Measuring and modelling the group membership in the internet. , 2003, , .		10
132	THE EFFECT OF ASYMMETRY ON THE ON-LINE MULTICAST ROUTING PROBLEM. International Journal of Foundations of Computer Science, 2002, 13, 889-910.	1.1	9
133	QoS-aware multicast routing for the Internet: the design and evaluation of QoSMIC. IEEE/ACM Transactions on Networking, 2002, 10, 54-66.	3.8	36
134	Using statistical data for reliable mobile communications. Wireless Communications and Mobile Computing, 2002, 2, 101-111.	1.2	2
135	Understanding Wireless Mobile Systems: A Simplified Simulation Approach. Lecture Notes in Computer Science, 2002, , 108-117.	1.3	0
136	Performance evaluation of mobile wireless networks. , 2001, , .		4
137	Aggregated Multicast with Inter-Group Tree Sharing. Lecture Notes in Computer Science, 2001, , 172-188.	1.3	25
138	On power-law relationships of the Internet topology. , 1999, , .		1,745
139	On power-law relationships of the Internet topology. Computer Communication Review, 1999, 29, 251-262.	1.8	2,401
140	QoSMIC. , 1998, , .		112
141	QoSMIC. Computer Communication Review, 1998, 28, 144-153.	1.8	37