

Mauro Migliardi

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

743
citations

566801

15
h-index

642321

23
g-index

79
all docs

79
docs citations

79
times ranked

464
citing authors

#	ARTICLE	IF	CITATIONS
1	Gotta CAPTCHA â€™Em All: A Survey of 20 Years of the Human-or-computer Dilemma. ACM Computing Surveys, 2022, 54, 1-33.	16.1	15
2	Low-Resource Footprint, Data-Driven Malware Detection on Android. IEEE Transactions on Sustainable Computing, 2020, 5, 213-222.	2.2	17
3	Securing PINâ€based authentication in smartwatches with just two gestures. Concurrency Computation Practice and Experience, 2020, 32, e5549.	1.4	12
4	Bio-inspired security analysis for IoT scenarios. International Journal of Embedded Systems, 2020, 13, 221.	0.2	2
5	A Fraud-Resilient Blockchain-Based Solution for Invoice Financing. IEEE Transactions on Engineering Management, 2020, 67, 1086-1098.	2.4	35
6	ApIoTTE: An Architecture for the Security Assessment of Mobile-IoT Ecosystems. Advances in Intelligent Systems and Computing, 2020, , 867-876.	0.5	1
7	CirclePIN. ACM Transactions on Cyber-Physical Systems, 2020, 4, 1-19.	1.9	19
8	Bio-inspired security analysis for IoT scenarios. International Journal of Embedded Systems, 2020, 13, 221.	0.2	0
9	A Methodological Perspective on Lawful Internet Surveillance. , 2020, , .		0
10	2GesturePIN: Securing PIN-Based Authentication on Smartwatches. , 2019, , .		8
11	Blockchain-based risk mitigation for invoice financing. , 2019, , .		4
12	Behavioral-Anomaly Detection in Forensics Analysis. IEEE Security and Privacy, 2019, 17, 55-62.	1.5	5
13	Saving energy in aggressive intrusion detection through dynamic latency sensitivity recognition. Computers and Security, 2018, 76, 311-326.	4.0	5
14	Completely Automated Public Physical test to tell Computers and Humans Apart: A usability study on mobile devices. Future Generation Computer Systems, 2018, 82, 617-630.	4.9	15
15	On The Case of Blockchain Adoption in the Internet of Things. Proceedings (mdpi), 2018, 2, 1231.	0.2	2
16	A Bio-inspired Approach to Attack Graphs Analysis. Lecture Notes in Computer Science, 2018, , 63-76.	1.0	0
17	Covert Channels in IoT Deployments Through Data Hiding Techniques. , 2018, , .		8
18	Invisible CAPPCHA: A usable mechanism to distinguish between malware and humans on the mobile IoT. Computers and Security, 2018, 78, 255-266.	4.0	23

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19	Reducing the Impact of Traffic Sanitization on Latency Sensitive Applications. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 1019-1026.	0.5	0
20	Dynamic Latency Sensitivity Recognition: An Application to Energy Saving. <i>Lecture Notes in Computer Science</i> , 2017, , 138-151.	1.0	0
21	Generating statistical insights into network behavior using SKETURE. <i>Journal of High Speed Networks</i> , 2016, 22, 65-76.	0.6	4
22	Balancing Delays and Energy Consumption in IPS-Enabled Networks. , 2016, , .		1
23	Using Screen Brightness to Improve Security in Mobile Social Network Access. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2016, , 1-1.	3.7	9
24	IPS-based reduction of network energy consumption. <i>Logic Journal of the IGPL</i> , 2016, 24, 982-995.	1.3	3
25	Measuring and estimating power consumption in Android to support energy-based intrusion detection. <i>Journal of Computer Security</i> , 2015, 23, 611-637.	0.5	26
26	A survey on energy-aware security mechanisms. <i>Pervasive and Mobile Computing</i> , 2015, 24, 77-90.	2.1	68
27	Cyber Threats to Industrial Control Systems. , 2015, , .		5
28	On the Feasibility of Moderating a Peer-to-Peer CDN System: A Proof-of-Concept Implementation. , 2015, , .		2
29	A Completely Automatic Public Physical test to tell Computers and Humans Apart: A way to enhance authentication schemes in mobile devices. , 2015, , .		16
30	SKETURE. , 2015, , .		3
31	Fostering Independent Living in the Aging Population through Proactive Paging. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2015, , 239-271.	0.3	0
32	A Survey of Green, Energy-Aware Security and Some of Its Recent Developments in Networking and Mobile Computing. , 2014, , .		5
33	Reducing Energy Consumption in Prospective Memory Support System through Hierarchical Positioning Algorithm. , 2014, , .		0
34	On energy-based profiling of malware in Android. , 2014, , .		15
35	A Denial of Service Attack to UMTS Networks Using SIM-Less Devices. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2014, 11, 280-291.	3.7	29
36	Message from BWCCA 2014 Conference Organizers. , 2014, , .		0

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37	CISIS IIHCI Welcome Message. , 2014, , .		0
38	Welcome Message from EASyCoSe 2014 Co-Chairs. , 2014, , .		0
39	Optimizing Network Energy Consumption through Intrusion Prevention Systems. Advances in Intelligent Systems and Computing, 2014, , 505-515.	0.5	4
40	Memory Support Through Pervasive and Mobile Systems. Studies in Computational Intelligence, 2014, , 239-271.	0.7	2
41	A Survey of Recent Advancement in Prospective Memory Support Systems. , 2013, , .		0
42	Towards energy-aware intrusion detection systems on mobile devices. , 2013, , .		25
43	Breaking and fixing the Android Launching Flow. Computers and Security, 2013, 39, 104-115.	4.0	26
44	Improving energy efficiency in distributed intrusion detection systems. Journal of High Speed Networks, 2013, 19, 251-264.	0.6	22
45	Energy Consumption Simulation of Different Distributed Intrusion Detection Approaches. , 2013, , .		8
46	Welcome Message from the IIHCI-2013 Workshop Organizers. , 2013, , .		0
47	A Denial of Service Attack to GSM Networks via Attach Procedure. Lecture Notes in Computer Science, 2013, , 361-376.	1.0	15
48	Would You Mind Forking This Process? A Denial of Service Attack on Android (and Some) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (0.4	33
49	Pervasive services and mobile devices may support human memory and enhance daily efficiency. International Journal of Space-Based and Situated Computing, 2012, 2, 175.	0.2	10
50	The 4W (What-Where-When-Who) Project Goes Social. , 2012, , .		3
51	Active Personal Information Manager: A System for Human Memory Support. , 2011, , .		3
52	What is Green Security?. , 2011, , .		26
53	Enhancing Personal Efficiency with Pervasive Services and Wearable Devices. , 2011, , .		6
54	Distributed Intrusion Detection: Simulation and Evaluation of Two Methodologies. , 2009, , .		2

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55	Hiding Skype VoIP Calls from Parametric Identification. , 2008, , .		0
56	A server-side software engine providing context-aware services. , 2007, , .		0
57	A measurement-based analysis of the responsiveness of the Linux kernel. , 2006, , .		5
58	RMI-like communication for migratable software components in HARNESS. Advances in Parallel Computing, 2004, 13, 87-94.	0.3	0
59	Mobile interfaces to computational, data, and service grid systems. Mobile Computing and Communications Review, 2002, 6, 71-73.	1.7	17
60	Automatic reincarnation of deceased plug-ins in the HARNESS metacomputing system. , 2002, , .		0
61	Standards based heterogeneous metacomputing: the design of HARNESS II. , 2002, , .		6
62	Plug-ins, layered services and behavioral objects. Future Generation Computer Systems, 2001, 17, 795-811.	4.9	5
63	EMULATING PARALLEL PROGRAMMING ENVIRONMENTS IN THE HARNESS METACOMPUTING SYSTEM. Parallel Processing Letters, 2001, 11, 281-295.	0.4	2
64	A Distributed JAVASPACE Implementation for HARNESS. Journal of Parallel and Distributed Computing, 2000, 60, 1325-1340.	2.7	1
65	An efficiency model for general purpose instruction level parallel architectures in image processing. Computers and Electrical Engineering, 2000, 26, 245-259.	3.0	0
66	CCF: a framework for collaborative computing. IEEE Internet Computing, 2000, 4, 16-24.	3.2	7
67	Active Agents Programming in HARNESS. Lecture Notes in Computer Science, 2000, , 622-625.	1.0	0
68	HARNESS: a next generation distributed virtual machine. Future Generation Computer Systems, 1999, 15, 571-582.	4.9	56
69	PVM Emulation in the Harness Metacomputing System: A Plug-In Based Approach. Lecture Notes in Computer Science, 1999, , 117-124.	1.0	12
70	Dynamic Reconfiguration and Virtual Machine Management in the Harness Metacomputing System. Lecture Notes in Computer Science, 1998, , 127-134.	1.0	21
71	Image processing on high-performance RISC systems. Proceedings of the IEEE, 1996, 84, 917-930.	16.4	51
72	PVM Emulation in the Harness Metacomputing Framework - Design and Performance Evaluation. , 0, , .		7

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73	On the viability of component frameworks for high performance distributed computing: a case study. , 0, , .		8
74	HARNESSing intranet computational power for legacy applications: the case of ship vulnerability evaluation. , 0, , .		0