

Luigi Vincenzo Mancini

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

1,314
citations

18
h-index

36
g-index

54
ext. papers

1,549
ext. citations

2.9
avg, IF

4.24
L-index

#	Paper	IF	Citations
47	SARA: Secure Asynchronous Remote Attestation for IoT Systems. <i>IEEE Transactions on Information Forensics and Security</i> , 2020 , 15, 3123-3136	8	18
46	Capture the Bot: Using Adversarial Examples to Improve CAPTCHA Robustness to Bot Attacks. <i>IEEE Intelligent Systems</i> , 2020 , 1-1	4.2	3
45	A Novel Stealthy Attack to Gather SDN Configuration-Information. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020 , 8, 328-340	4.1	3
44	Obfuscation of Sensitive Data for Incremental Release of Network Flows. <i>IEEE/ACM Transactions on Networking</i> , 2015 , 23, 672-686	3.8	6
43	Can You Hear Me Knocking 2015 ,		43
42	No NAT User Left Behind: Fingerprinting Users behind NAT from NetFlow Records Alone 2014 ,		19
41	Bypassing Censorship: A Proven Tool against the Recent Internet Censorship in Turkey 2014 ,		7
40	Preserving privacy against external and internal threats in WSN data aggregation. <i>Telecommunication Systems</i> , 2013 , 52, 2163-2176	2.3	21
39	Obfuscation of sensitive data in network flows 2012 ,		13
38	Replication Schemes in Unattended Wireless Sensor Networks 2011 ,		2
37	Secure topology maintenance and events collection in WSNs. <i>Security and Communication Networks</i> , 2011 , 4, 744-762	1.9	6
36	Securing Topology Maintenance Protocols for Sensor Networks. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2011 , 8, 450-465	3.9	12
35	Hierarchies of keys in secure multicast communications. <i>Journal of Computer Security</i> , 2010 , 18, 839-860	0.8	
34	The smallville effect 2010 ,		9
33	eRIPP-FS: Enforcing privacy and security in RFID. <i>Security and Communication Networks</i> , 2010 , 3, 58-70	1.9	5
32	Playing hide-and-seek with a focused mobile adversary in unattended wireless sensor networks. <i>Ad Hoc Networks</i> , 2009 , 7, 1463-1475	4.8	29
31	Distributed data source verification in wireless sensor networks. <i>Information Fusion</i> , 2009 , 10, 342-353	16.7	8

30	Privacy-preserving robust data aggregation in wireless sensor networks. <i>Security and Communication Networks</i> , 2009 , 2, 195-213	1.9	42
29	The Quest for Mobility Models to Analyse Security in Mobile Ad Hoc Networks. <i>Lecture Notes in Computer Science</i> , 2009 , 85-96	0.9	5
28	. <i>IEEE Transactions on Computers</i> , 2009 , 58, 1500-1511	2.5	47
27	Mobility and Cooperation to Thwart Node Capture Attacks in MANETs. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2009 , 2009,	3.2	25
26	Sec-TMP: A Secure Topology Maintenance Protocol for Event Delivery Enforcement in WSN. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2009 , 265-284	0.2	1
25	Scalable and efficient provable data possession 2008 ,		460
24	Catch Me (If You Can): Data Survival in Unattended Sensor Networks 2008 ,		66
23	Emergent properties 2008 ,		51
22	Redoubtable Sensor Networks. <i>ACM Transactions on Information and System Security</i> , 2008 , 11, 1-22		64
21	A Live Digital Forensic system for Windows networks. <i>International Federation for Information Processing</i> , 2008 , 653-667		3
20	Bio-Inspired Topology Maintenance Protocols for Secure Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2008 , 399-410	0.9	1
19	ECCE: Enhanced cooperative channel establishment for secure pair-wise communication in wireless sensor networks. <i>Ad Hoc Networks</i> , 2007 , 5, 49-62	4.8	23
18	Efficient and Adaptive Threshold Signatures for Ad hoc networks. <i>Electronic Notes in Theoretical Computer Science</i> , 2007 , 171, 93-105	0.7	4
17	Addressing interoperability issues in access control models 2007 ,		6
16	A randomized, efficient, and distributed protocol for the detection of node replication attacks in wireless sensor networks 2007 ,		80
15	FastRIPP: RFID Privacy Preserving protocol with Forward Secrecy and Fast Resynchronisation 2007 ,		4
14	2007 ,		23
13	Information Hiding for Spatial and Geographical Data 2007 , 235-258		1

12	Addressing the shortcomings of one-way chains 2006 ,		6
11	Scheduling Hard-Real-Time Tasks with Backup Phasing Delay 2006 ,		6
10	2006 ,		12
9	Sensor Networks that Are Provably Resilient 2006 ,		17
8	Energy efficient node-to-node authentication and communication confidentiality in wireless sensor networks. <i>Wireless Networks</i> , 2006 , 12, 709-721	2.5	58
7	Security and privacy issues of handheld and wearable wireless devices. <i>Communications of the ACM</i> , 2003 , 46, 74-79	2.5	34
6	Providing secrecy in key management protocols for large wireless sensors networks. <i>Ad Hoc Networks</i> , 2003 , 1, 455-468	4.8	31
5	Graph Transformations for the Specification of Access Control Policies. <i>Electronic Notes in Theoretical Computer Science</i> , 2002 , 51, 222-232	0.7	1
4	Flexible Transaction Dependencies in Database Systems. <i>Distributed and Parallel Databases</i> , 2000 , 8, 399-446	0.9	2
3	Increasing processor utilization in hard-real-time systems with checkpoints. <i>Real-Time Systems</i> , 1995 , 9, 5-29	1.3	3
2	Scheduling algorithms for fault-tolerance in hard-real-time systems. <i>Real-Time Systems</i> , 1994 , 7, 229-245	1.3	33
1	Network Security	509-585	0