

Luigi Vincenzo Mancini

List of Publications by Citations

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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	Scalable and efficient provable data possession 2008 ,		460
46	A randomized, efficient, and distributed protocol for the detection of node replication attacks in wireless sensor networks 2007 ,		80
45	Catch Me (If You Can): Data Survival in Unattended Sensor Networks 2008 ,		66
44	Redoubtable Sensor Networks. <i>ACM Transactions on Information and System Security</i> , 2008 , 11, 1-22		64
43	Energy efficient node-to-node authentication and communication confidentiality in wireless sensor networks. <i>Wireless Networks</i> , 2006 , 12, 709-721	2.5	58
42	Emergent properties 2008 ,		51
41	. <i>IEEE Transactions on Computers</i> , 2009 , 58, 1500-1511	2.5	47
40	CanWYou Hear Me Knocking 2015 ,		43
39	Privacy-preserving robust data aggregation in wireless sensor networks. <i>Security and Communication Networks</i> , 2009 , 2, 195-213	1.9	42
38	Security and privacy issues of handheld and wearable wireless devices. <i>Communications of the ACM</i> , 2003 , 46, 74-79	2.5	34
37	Scheduling algorithms for fault-tolerance in hard-real-time systems. <i>Real-Time Systems</i> , 1994 , 7, 229-245 ^{1.3}		33
36	Providing secrecy in key management protocols for large wireless sensors networks. <i>Ad Hoc Networks</i> , 2003 , 1, 455-468	4.8	31
35	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
34	Mobility and Cooperation to Thwart Node Capture Attacks in MANETs. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2009 , 2009,	3.2	25
33	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
32	2007 ,		23
31	Preserving privacy against external and internal threats in WSN data aggregation. <i>Telecommunication Systems</i> , 2013 , 52, 2163-2176	2.3	21

30	No NATW User Left Behind: Fingerprinting Users behind NAT from NetFlow Records Alone 2014 ,		19
29	SARA: Secure Asynchronous Remote Attestation for IoT Systems. <i>IEEE Transactions on Information Forensics and Security</i> , 2020 , 15, 3123-3136	8	18
28	Sensor Networks that Are Provably Resilient 2006 ,		17
27	Obfuscation of sensitive data in network flows 2012 ,		13
26	Securing Topology Maintenance Protocols for Sensor Networks. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2011 , 8, 450-465	3.9	12
25	2006 ,		12
24	The smallville effect 2010 ,		9
23	Distributed data source verification in wireless sensor networks. <i>Information Fusion</i> , 2009 , 10, 342-353	16.7	8
22	Bypassing Censorship: A Proven Tool against the Recent Internet Censorship in Turkey 2014 ,		7
21	Obfuscation of Sensitive Data for Incremental Release of Network Flows. <i>IEEE/ACM Transactions on Networking</i> , 2015 , 23, 672-686	3.8	6
20	Secure topology maintenance and events collection in WSNs. <i>Security and Communication Networks</i> , 2011 , 4, 744-762	1.9	6
19	Addressing the shortcomings of one-way chains 2006 ,		6
18	Scheduling Hard-Real-Time Tasks with Backup Phasing Delay 2006 ,		6
17	Addressing interoperability issues in access control models 2007 ,		6
16	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
15	eRIPP-FS: Enforcing privacy and security in RFID. <i>Security and Communication Networks</i> , 2010 , 3, 58-70	1.9	5
14	Efficient and Adaptive Threshold Signatures for Ad hoc networks. <i>Electronic Notes in Theoretical Computer Science</i> , 2007 , 171, 93-105	0.7	4
13	FastRIPP: RFID Privacy Preserving protocol with Forward Secrecy and Fast Resynchronisation 2007 ,		4

12	Increasing processor utilization in hard-real-time systems with checkpoints. <i>Real-Time Systems</i> , 1995 , 9, 5-29	1.3	3
11	Capture the Bot: Using Adversarial Examples to Improve CAPTCHA Robustness to Bot Attacks. <i>IEEE Intelligent Systems</i> , 2020 , 1-1	4.2	3
10	A Live Digital Forensic system for Windows networks. <i>International Federation for Information Processing</i> , 2008 , 653-667		3
9	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
8	Replication Schemes in Unattended Wireless Sensor Networks 2011 ,		2
7	Flexible Transaction Dependencies in Database Systems. <i>Distributed and Parallel Databases</i> , 2000 , 8, 399-446	0.9	2
6	Graph Transformations for the Specification of Access Control Policies. <i>Electronic Notes in Theoretical Computer Science</i> , 2002 , 51, 222-232	0.7	1
5	Bio-Inspired Topology Maintenance Protocols for Secure Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2008 , 399-410	0.9	1
4	Information Hiding for Spatial and Geographical Data 2007 , 235-258		1
3	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
2	Network Security509-585		0
1	Hierarchies of keys in secure multicast communications. <i>Journal of Computer Security</i> , 2010 , 18, 839-860	0.8	