

Luigi Vincenzo Mancini

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,880
citations

623188

14
h-index

580395

25
g-index

54
all docs

54
docs citations

54
times ranked

1176
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable and efficient provable data possession. , 2008, , .		709
2	A randomized, efficient, and distributed protocol for the detection of node replication attacks in wireless sensor networks. , 2007, , .		131
3	Catch Me (If You Can): Data Survival in Unattended Sensor Networks. , 2008, , .		90
4	Redoubtable Sensor Networks. ACM Transactions on Information and System Security, 2008, 11, 1-22.	4.5	80
5	Energy efficient node-to-node authentication and communication confidentiality in wireless sensor networks. Wireless Networks, 2006, 12, 709-721.	2.0	73
6	Emergent properties. , 2008, , .		69
7	Can't You Hear Me Knocking. , 2015, , .		64
8	Data Security in Unattended Wireless Sensor Networks. IEEE Transactions on Computers, 2009, 58, 1500-1511.	2.4	54
9	Security and privacy issues of handheld and wearable wireless devices. Communications of the ACM, 2003, 46, 74-79.	3.3	53
10	Privacy-preserving robust data aggregation in wireless sensor networks. Security and Communication Networks, 2009, 2, 195-213.	1.0	51
11	Providing secrecy in key management protocols for large wireless sensors networks. Ad Hoc Networks, 2003, 1, 455-468.	3.4	47
12	SARA: Secure Asynchronous Remote Attestation for IoT Systems. IEEE Transactions on Information Forensics and Security, 2020, 15, 3123-3136.	4.5	41
13	Scheduling algorithms for fault-tolerance in hard-real-time systems. Real-Time Systems, 1994, 7, 229-245.	1.1	39
14	RIPP-FS: An RFID Identification, Privacy Preserving Protocol with Forward Secrecy.. , 2007, , .		32
15	Playing hide-and-seek with a focused mobile adversary in unattended wireless sensor networks. Ad Hoc Networks, 2009, 7, 1463-1475.	3.4	32
16	Mobility and Cooperation to Thwart Node Capture Attacks in MANETs. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	1.5	27
17	Preserving privacy against external and internal threats in WSN data aggregation. Telecommunication Systems, 2013, 52, 2163-2176.	1.6	26
18	ECCE: Enhanced cooperative channel establishment for secure pair-wise communication in wireless sensor networks. Ad Hoc Networks, 2007, 5, 49-62.	3.4	25

#	ARTICLE	IF	CITATIONS
19	No NAT'd User Left Behind: Fingerprinting Users behind NAT from NetFlow Records Alone. , 2014, , .		25
20	Distributed data source verification in wireless sensor networks. Information Fusion, 2009, 10, 342-353.	11.7	24
21	Sensor Networks that Are Provably Resilient. , 2006, , .		18
22	Requirements and Open Issues in Distributed Detection of Node Identity Replicas in WSN. , 2006, , .		17
23	Obfuscation of sensitive data in network flows. , 2012, , .		16
24	Securing Topology Maintenance Protocols for Sensor Networks. IEEE Transactions on Dependable and Secure Computing, 2011, 8, 450-465.	3.7	14
25	The smallville effect. , 2010, , .		12
26	Scheduling Hard-Real-Time Tasks with Backup Phasing Delay. , 2006, , .		11
27	A Novel Stealthy Attack to Gather SDN Configuration-Information. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 328-340.	3.2	10
28	Addressing the shortcomings of one-way chains. , 2006, , .		9
29	Bypassing Censorship: A Proven Tool against the Recent Internet Censorship in Turkey. , 2014, , .		9
30	Addressing interoperability issues in access control models. , 2007, , .		7
31	Obfuscation of Sensitive Data for Incremental Release of Network Flows. IEEE/ACM Transactions on Networking, 2015, 23, 672-686.	2.6	7
32	Efficient and Adaptive Threshold Signatures for Ad hoc networks. Electronic Notes in Theoretical Computer Science, 2007, 171, 93-105.	0.9	6
33	The Quest for Mobility Models to Analyse Security in Mobile Ad Hoc Networks. Lecture Notes in Computer Science, 2009, , 85-96.	1.0	6
34	eRIPP-FS: Enforcing privacy and security in RFID. Security and Communication Networks, 2010, 3, 58-70.	1.0	6
35	Secure topology maintenance and events collection in WSNs. Security and Communication Networks, 2011, 4, 744-762.	1.0	6
36	FastRIPP: RFID Privacy Preserving protocol with Forward Secrecy and Fast Resynchronisation. , 2007, , .		5

#	ARTICLE	IF	CITATIONS
37	Capture the Bot: Using Adversarial Examples to Improve CAPTCHA Robustness to Bot Attacks. IEEE Intelligent Systems, 2021, 36, 104-112.	4.0	5
38	Flexible Transaction Dependencies in Database Systems. Distributed and Parallel Databases, 2000, 8, 399-446.	1.0	4
39	Increasing processor utilization in hard-real-time systems with checkpoints. Real-Time Systems, 1995, 9, 5-29.	1.1	3
40	Replication Schemes in Unattended Wireless Sensor Networks. , 2011, , .		3
41	Sec-TMP: A Secure Topology Maintenance Protocol for Event Delivery Enforcement in WSN. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 265-284.	0.2	3
42	A Live Digital Forensic system for Windows networks. International Federation for Information Processing, 2008, , 653-667.	0.4	3
43	Graph Transformations for the Specification of Access Control Policies. Electronic Notes in Theoretical Computer Science, 2002, 51, 222-232.	0.9	1
44	Network Security. , 0, , 509-585.		1
45	Towards threat-adaptive dynamic fragment replication in large scale distributed systems. , 2007, , .		1
46	Reverse Tree-based Key Routing: Robust Data Aggregation in Wireless Sensor Networks. , 2010, , .		1
47	Relieve Internet Routing Security of Public Key Infrastructure. , 2012, , .		1
48	Obsidian: A scalable and efficient framework for NetFlow obfuscation. , 2013, , .		1
49	Information Hiding for Spatial and Geographical Data. , 2007, , 235-258.		1
50	Bio-Inspired Topology Maintenance Protocols for Secure Wireless Sensor Networks. Lecture Notes in Computer Science, 2008, , 399-410.	1.0	1
51	Hierarchies of keys in secure multicast communications. Journal of Computer Security, 2010, 18, 839-860.	0.5	0
52	MhRep: Multi-hop Replication Scheme for Data Survival in Unattended Wireless Sensor Networks. , 2011, , .		0
53	Uniqueness of the file systems genome: Supporting arguments and massive experimental measurements. , 2013, , .		0