

# Luca Veltri

## List of Publications by Year in descending order

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58  
papers

1,335  
citations

759233

12  
h-index

580821

25  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1238  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Scalable and Self-Configuring Architecture for Service Discovery in the Internet of Things. IEEE Internet of Things Journal, 2014, 1, 508-521.	8.7	179
2	IoT-OAS: An OAuth-Based Authorization Service Architecture for Secure Services in IoT Scenarios. IEEE Sensors Journal, 2015, 15, 1224-1234.	4.7	178
3	IoTChain: A blockchain security architecture for the Internet of Things. , 2018, , .		151
4	SIP security issues: the SIP authentication procedure and its processing load. IEEE Network, 2002, 16, 38-44.	6.9	145
5	Enforcing Security Mechanisms in the IP-Based Internet of Things: An Algorithmic Overview. Algorithms, 2013, 6, 197-226.	2.1	78
6	A novel batch-based group key management protocol applied to the Internet of Things. Ad Hoc Networks, 2013, 11, 2724-2737.	5.5	76
7	Supporting information-centric functionality in software defined networks. , 2012, , .		55
8	QoS control by means of COPS to support SIP-based applications. IEEE Network, 2002, 16, 27-33.	6.9	50
9	Traffic Engineering with Segment Routing: SDN-Based Architectural Design and Open Source Implementation. , 2015, , .		46
10	A Token-based Protocol for Securing MQTT Communications. , 2018, , .		25
11	Seamless vertical handover of VoIP calls based on SIP Session Border Controllers. , 2006, , .		21
12	Lightweight multicast forwarding for service discovery in low-power IoT networks. , 2014, , .		21
13	mjCoAP: An Open-Source Lightweight Java CoAP Library for Internet of Things Applications. Lecture Notes in Computer Science, 2015, , 118-133.	1.3	21
14	A Scalable and Secure Publish/Subscribe-Based Framework for Industrial IoT. IEEE Transactions on Industrial Informatics, 2021, 17, 3815-3825.	11.3	18
15	MQTT-Auth: a Token-based Solution to Endow MQTT with Authentication and Authorization Capabilities. Journal of Communications Software and Systems, 2018, 14, .	0.8	17
16	3AKEP: Triple-authenticated key exchange protocol for peer-to-peer VoIP applications. Computer Communications, 2016, 85, 28-40.	5.1	16
17	IoT Attack Detection with Deep Learning Analysis. , 2020, , .		15
18	Effective Anomaly Detection Using Deep Learning in IoT Systems. Wireless Communications and Mobile Computing, 2021, 2021, 1-14.	1.2	14

#	ARTICLE	IF	CITATIONS
19	Short-lived key management for secure communications in VANETs. , 2011, , .		13
20	An anonymization protocol for the Internet of Things. , 2017, , .		13
21	Reputation Management Techniques in DHT-Based Peer-to-Peer Networks. , 2007, , .		12
22	Reputation management algorithms for DHT-based peer-to-peer environment. Computer Communications, 2009, 32, 1400-1409.	5.1	12
23	Blockchain Security and Privacy for the Internet of Things. Sensors, 2021, 21, 892.	3.8	12
24	Performance evaluation of a SIP-based constrained peer-to-peer overlay. , 2014, , .		11
25	Architecture and testbed implementation of vertical handovers based on SIP session border controllers. Wireless Personal Communications, 2007, 43, 1019-1034.	2.7	8
26	Implementation of a framework for a DHT-based Distributed Location Service. , 2008, , .		8
27	Byzantine Generals Problem in the Light of P2P Computing. , 2006, , .		7
28	Internet of Things on Power Line Communications: An Experimental Performance Analysis. Energy Systems in Electrical Engineering, 2019, , 465-498.	0.7	7
29	Batch-based group key management with shared key derivation in the Internet of Things. , 2013, , .		6
30	Trust-based routing for Kademia in a sybil scenario. , 2014, , .		6
31	A Sidecar Object for the Optimized Communication Between Edge and Cloud in Internet of Things Applications. Future Internet, 2019, 11, 145.	3.8	6
32	NEMO: A flexible and highly scalable network EMulatOr. SoftwareX, 2019, 10, 100248.	2.6	6
33	A P2P Framework For Distributed And Cooperative Laboratories. , 2006, , 309-319.		6
34	A session initiation protocol for the Internet of Things. Scalable Computing, 2014, 14, .	1.0	6
35	Broker Bridging Mechanism for Providing Anonymity in MQTT. , 2019, , .		5
36	Estimation of Correlated Gaussian Samples in Impulsive Noise. IEEE Communications Letters, 2020, 24, 103-107.	4.1	5

#	ARTICLE	IF	CITATIONS
37	Kademlia for data storage and retrieval in enterprise networks. , 2007, , .		4
38	Using SIP as P2P Technology. African Journal of Information and Communication Technology, 2005, 1, 38.	0.5	3
39	Audio and Video Conferencing Tools in Learning Management Systems. , 2007, , .		3
40	Reputation Management for DHT-Based Collaborative Environments. , 2008, , .		3
41	NEMO: A Flexible Java-based Network Emulator. , 2018, , .		3
42	ZWT: A new cross-platform graphical interface framework for Java applications. SoftwareX, 2020, 12, 100599.	2.6	3
43	Byzantine Generals Problem in the Light of P2P Computing. , 2006, , .		2
44	Extending SIP authentication to exploit user credentials stored in existing authentication databases. , 2008, , .		2
45	A statistical blind technique for recognition of internet traffic with dependence enforcement. , 2014, , .		2
46	A Balanced Trust-Based Method to Counter Sybil and Spartacus Attacks in Chord. Security and Communication Networks, 2018, 2018, 1-16.	1.5	2
47	An open-source platform for IP telephony services. , 2007, , .		1
48	Byzantine agreement for reputation management in DHT-based peer-to-peer networks. , 2008, , .		1
49	Peer-to-Peer beyond file sharing: Where are P2P systems going?. , 2009, , .		1
50	Peer-to-peer technologies applied to data warehouses. , 2010, , .		1
51	Lightweight Session Initiation for the Internet of Things. , 2015, , .		1
52	A Next-Generation Core Network Architecture for Mobile Networks. Future Internet, 2019, 11, 152.	3.8	1
53	Iterative Receiver Design for the Estimation of Gaussian Samples in Impulsive Noise. Applied Sciences (Switzerland), 2021, 11, 557.	2.5	1
54	Roaming Scenarios Based on SIP. Lecture Notes in Computer Science, 2002, , 302-314.	1.3	1

#	ARTICLE	IF	CITATIONS
55	SIP roaming solution amongst different WLAN-based service providers. , 2006, , .		0
56	A Multicast-Based Bootstrap Mechanism for Self-Organizing P2P Networks. , 2009, , .		0
57	Lightweight Session Initiation for the Internet of Things. , 2014, , .		0
58	Interworking between LoRaWAN and non-LoRa IoT Systems. , 2022, , .		0