

Christos Xenakis

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.

73
papers

451
citations

11
h-index

18
g-index

80
ext. papers

599
ext. citations

3.3
avg, IF

4.15
L-index

#	Paper	IF	Citations
73	A large-scale analysis of Wi-Fi passwords. <i>Journal of Information Security and Applications</i> , 2022 , 67, 1031-1039	3.9	0
72	EKNad: Exploit Kits for network activity detection. <i>Future Generation Computer Systems</i> , 2022 , 134, 219-235	7.5	0
71	Cybersecurity Threats in the Healthcare Domain and Technical Solutions 2021 , 1-29		
70	P4G2Go: A Privacy-Preserving Scheme for Roaming Energy Consumers of the Smart Grid-to-Go. <i>Sensors</i> , 2021 , 21,	3.8	7
69	NodeXP: NOde.js server-side JavaScript injection vulnerability DEtection and eXPloitation. <i>Journal of Information Security and Applications</i> , 2021 , 58, 1027-1052	3.5	0
68	Contract-Less Mobile Data Access Beyond 5G: Fully-Decentralized, High-Throughput and Anonymous Asset Trading Over the Blockchain. <i>IEEE Access</i> , 2021 , 9, 73963-74016	3.5	7
67	Building Trust for Smart Connected Devices: The Challenges and Pitfalls of TrustZone. <i>Sensors</i> , 2021 , 21,	3.8	7
66	P2ISE: Preserving Project Integrity in CI/CD Based on Secure Elements. <i>Information (Switzerland)</i> , 2021 , 12, 357	2.6	1
65	SealedGRID: Secure and Interoperable Platform for Smart GRID Applications. <i>Sensors</i> , 2021 , 21,	3.8	1
64	. <i>IEEE Access</i> , 2020 , 8, 224677-224701	3.5	2
63	SealedGRID: A Secure Interconnection of Technologies for Smart Grid Applications. <i>Lecture Notes in Computer Science</i> , 2020 , 169-175	0.9	
62	SECONDO: A Platform for Cybersecurity Investments and Cyber Insurance Decisions. <i>Lecture Notes in Computer Science</i> , 2020 , 65-74	0.9	3
61	. <i>IEEE Transactions on Information Forensics and Security</i> , 2020 , 15, 2183-2193	8	6
60	Distributed Key Management in Microgrids. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2125-2133	3.9	10
59	BARRETT Blockchain in Regulated Remote Attestation 2019 ,		1
58	CUREX: seCUre and pRivate hEalth data eXchange 2019 ,		7
57	Secure Edge Computing with Lightweight Control-Flow Property-based Attestation 2019 ,		5

56	A survey of voice and communication protection solutions against wiretapping. <i>Computers and Electrical Engineering</i> , 2019 , 77, 163-178	4.3	2
55	Evaluation of password hashing schemes in open source web platforms. <i>Computers and Security</i> , 2019 , 84, 206-224	4.9	4
54	The Integrated Holistic Security and Privacy Framework Deployed in CrowdHEALTH Project. <i>Acta Informatica Medica</i> , 2019 , 27, 333-340	1.9	3
53	ObjectMap 2019 ,		3
52	Transforming malicious code to ROP gadgets for antivirus evasion. <i>IET Information Security</i> , 2019 , 13, 570-578	1.4	9
51	Commix: automating evaluation and exploitation of command injection vulnerabilities in Web applications. <i>International Journal of Information Security</i> , 2019 , 18, 49-72	2.8	10
50	MASKER: Masking for privacy-preserving aggregation in the smart grid ecosystem. <i>Computers and Security</i> , 2018 , 73, 307-325	4.9	13
49	A forensic investigation of Android mobile applications 2018 ,		1
48	Analyzing, quantifying, and detecting the blackhole attack in infrastructure-less networks. <i>Computer Networks</i> , 2017 , 113, 94-110	5.4	31
47	A Security Evaluation of FIDO ^B UAF Protocol in Mobile and Embedded Devices. <i>Communications in Computer and Information Science</i> , 2017 , 127-142	0.3	3
46	2017 ,		2
45	RiSKi 2017 ,		2
44	Evaluation of Cryptography Usage in Android Applications 2016 ,		14
43	Protecting Sensitive Information in the Volatile Memory from Disclosure Attacks 2016 ,		3
42	(U)SimMonitor: A mobile application for security evaluation of cellular networks. <i>Computers and Security</i> , 2016 , 60, 62-78	4.9	5
41	Self-organised Key Management for the Smart Grid. <i>Lecture Notes in Computer Science</i> , 2015 , 303-316	0.9	7
40	Gaithashing: A two-factor authentication scheme based on gait features. <i>Computers and Security</i> , 2015 , 52, 17-32	4.9	16
39	Attacking the baseband modem of mobile phones to breach the users' privacy and network security 2015 ,		8

38	Attacking GSM Networks as a Script Kiddie Using Commodity Hardware and Software. <i>Lecture Notes in Computer Science</i> , 2015 , 73-86	0.9	1
37	Evaluating the privacy of Android mobile applications under forensic analysis. <i>Computers and Security</i> , 2014 , 42, 66-76	4.9	20
36	An advanced persistent threat in 3G networks: Attacking the home network from roaming networks. <i>Computers and Security</i> , 2014 , 40, 84-94	4.9	11
35	Bypassing XSS Auditor: Taking advantage of badly written PHP code 2014 ,		1
34	A specification-based intrusion detection engine for infrastructure-less networks. <i>Computer Communications</i> , 2014 , 54, 67-83	5.1	15
33	2013 ,		1
32	SOMA-E: Self-organized mesh authenticationExtended. <i>Mathematical and Computer Modelling</i> , 2013 , 57, 1606-1616		1
31	Discovering Authentication Credentials in Volatile Memory of Android Mobile Devices. <i>IFIP Advances in Information and Communication Technology</i> , 2013 , 178-185	0.5	8
30	A Better Time Approximation Scheme for e-Passports. <i>Lecture Notes in Computer Science</i> , 2013 , 13-23	0.9	
29	Securing the 802.11 MAC in MANETs: A specification-based intrusion detection engine 2012 ,		2
28	Questioning the Feasibility of UMTS-GSM Interworking Attacks. <i>Wireless Personal Communications</i> , 2012 , 65, 157-163	1.9	1
27	Analysis and Modeling of False Synchronizations in 3G-WLAN Integrated Networks. <i>International Federation for Information Processing</i> , 2012 , 475-488		
26	SOMA: Self-Organised Mesh Authentication. <i>Lecture Notes in Computer Science</i> , 2011 , 31-44	0.9	2
25	A comparative evaluation of intrusion detection architectures for mobile ad hoc networks. <i>Computers and Security</i> , 2011 , 30, 63-80	4.9	36
24	. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 3765-3773	9.6	3
23	A Quantitative Risk Analysis Approach for Deliberate Threats. <i>Lecture Notes in Computer Science</i> , 2011 , 13-25	0.9	3
22	A Mobility and Energy-Aware Hierarchical Intrusion Detection System for Mobile Ad Hoc Networks. <i>Lecture Notes in Computer Science</i> , 2011 , 138-149	0.9	1
21	An Evaluation of Anomaly-Based Intrusion Detection Engines for Mobile Ad Hoc Networks. <i>Lecture Notes in Computer Science</i> , 2011 , 150-160	0.9	6

20	A generic mechanism for efficient authentication in B3G networks. <i>Computers and Security</i> , 2010 , 29, 460-475	4.9	2
19	One-Pass EAP-AKA Authentication in 3G-WLAN Integrated Networks. <i>Wireless Personal Communications</i> , 2009 , 48, 569-584	1.9	21
18	A Qualitative Risk Analysis for the GPRS Technology 2008 ,		6
17	Reducing the User Authentication Cost in Next Generation Networks 2008 ,		2
16	A network-assisted mobile VPN for securing users data in UMTS. <i>Computer Communications</i> , 2008 , 31, 3315-3327	5.1	5
15	Security architectures for B3G mobile networks. <i>Telecommunication Systems</i> , 2007 , 35, 123-139	2.3	6
14	A Security Protocol for Mutual Authentication and Mobile VPN Deployment in B3G Networks 2007 ,		1
13	Reducing Authentication Traffic in 3G-WLAN Integrated Networks 2007 ,		4
12	Efficient authentication for users autonomy in Next Generation All-IP networks 2007 ,		1
11	Malicious actions against the GPRS technology. <i>Journal in Computer Virology</i> , 2006 , 2, 121-133		14
10	Vulnerabilities and Possible Attacks Against the GPRS Backbone Network. <i>Lecture Notes in Computer Science</i> , 2006 , 262-272	0.9	3
9	Security and Trust 2006 , 111-130		
8	A generic characterization of the overheads imposed by IPsec and associated cryptographic algorithms. <i>Computer Networks</i> , 2006 , 50, 3225-3241	5.4	41
7	Alternative Schemes for Dynamic Secure VPN Deployment in UMTS. <i>Wireless Personal Communications</i> , 2006 , 36, 163-194	1.9	2
6	Security in third Generation Mobile Networks. <i>Computer Communications</i> , 2004 , 27, 638-650	5.1	32
5	IPsec-based end-to-end VPN deployment over UMTS. <i>Computer Communications</i> , 2004 , 27, 1693-1708	5.1	3
4	Privacy-Preserving Aggregation in the Smart Grid. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 80-97	0.3	
3	SealedGRID: Scalable, trustEd, and interoperABle pLatform for sECureD smart GRID		2

2 [m]allotROPism: a metamorphic engine for malicious software variation development. *International Journal of Information Security*,1 2.8

1 Mobile Telecom Networks331-353