

# Christos Xenakis

## 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.

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 generic characterization of the overheads imposed by IPsec and associated cryptographic algorithms. <i>Computer Networks</i> , <b>2006</b> , 50, 3225-3241	5.4	41
72	A comparative evaluation of intrusion detection architectures for mobile ad hoc networks. <i>Computers and Security</i> , <b>2011</b> , 30, 63-80	4.9	36
71	Security in third Generation Mobile Networks. <i>Computer Communications</i> , <b>2004</b> , 27, 638-650	5.1	32
70	Analyzing, quantifying, and detecting the blackhole attack in infrastructure-less networks. <i>Computer Networks</i> , <b>2017</b> , 113, 94-110	5.4	31
69	One-Pass EAP-AKA Authentication in 3G-WLAN Integrated Networks. <i>Wireless Personal Communications</i> , <b>2009</b> , 48, 569-584	1.9	21
68	Evaluating the privacy of Android mobile applications under forensic analysis. <i>Computers and Security</i> , <b>2014</b> , 42, 66-76	4.9	20
67	Gait hashing: A two-factor authentication scheme based on gait features. <i>Computers and Security</i> , <b>2015</b> , 52, 17-32	4.9	16
66	A specification-based intrusion detection engine for infrastructure-less networks. <i>Computer Communications</i> , <b>2014</b> , 54, 67-83	5.1	15
65	Malicious actions against the GPRS technology. <i>Journal in Computer Virology</i> , <b>2006</b> , 2, 121-133		14
64	Evaluation of Cryptography Usage in Android Applications <b>2016</b> ,		14
63	MASKER: Masking for privacy-preserving aggregation in the smart grid ecosystem. <i>Computers and Security</i> , <b>2018</b> , 73, 307-325	4.9	13
62	An advanced persistent threat in 3G networks: Attacking the home network from roaming networks. <i>Computers and Security</i> , <b>2014</b> , 40, 84-94	4.9	11
61	Commix: automating evaluation and exploitation of command injection vulnerabilities in Web applications. <i>International Journal of Information Security</i> , <b>2019</b> , 18, 49-72	2.8	10
60	Distributed Key Management in Microgrids. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 2125-2133	1.3	10
59	Transforming malicious code to ROP gadgets for antivirus evasion. <i>IET Information Security</i> , <b>2019</b> , 13, 570-578	1.4	9
58	Attacking the baseband modem of mobile phones to breach the users' privacy and network security <b>2015</b> ,		8
57	Discovering Authentication Credentials in Volatile Memory of Android Mobile Devices. <i>IFIP Advances in Information and Communication Technology</i> , <b>2013</b> , 178-185	0.5	8

56	CUREX: seCUre and pRivate hEalth data eXchange <b>2019</b> ,		7
55	Self-organised Key Management for the Smart Grid. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 303-316	0.9	7
54	P4G2Go: A Privacy-Preserving Scheme for Roaming Energy Consumers of the Smart Grid-to-Go. <i>Sensors</i> , <b>2021</b> , 21,	3.8	7
53	Contract-Less Mobile Data Access Beyond 5G: Fully-Decentralized, High-Throughput and Anonymous Asset Trading Over the Blockchain. <i>IEEE Access</i> , <b>2021</b> , 9, 73963-74016	3.5	7
52	Building Trust for Smart Connected Devices: The Challenges and Pitfalls of TrustZone. <i>Sensors</i> , <b>2021</b> , 21,	3.8	7
51	A Qualitative Risk Analysis for the GPRS Technology <b>2008</b> ,		6
50	Security architectures for B3G mobile networks. <i>Telecommunication Systems</i> , <b>2007</b> , 35, 123-139	2.3	6
49	An Evaluation of Anomaly-Based Intrusion Detection Engines for Mobile Ad Hoc Networks. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 150-160	0.9	6
48	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2020</b> , 15, 2183-2193	8	6
47	Secure Edge Computing with Lightweight Control-Flow Property-based Attestation <b>2019</b> ,		5
46	A network-assisted mobile VPN for securing users data in UMTS. <i>Computer Communications</i> , <b>2008</b> , 31, 3315-3327	5.1	5
45	(U)SimMonitor: A mobile application for security evaluation of cellular networks. <i>Computers and Security</i> , <b>2016</b> , 60, 62-78	4.9	5
44	Evaluation of password hashing schemes in open source web platforms. <i>Computers and Security</i> , <b>2019</b> , 84, 206-224	4.9	4
43	Reducing Authentication Traffic in 3G-WLAN Integrated Networks <b>2007</b> ,		4
42	A Security Evaluation of FIDO <sup>B</sup> UAF Protocol in Mobile and Embedded Devices. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 127-142	0.3	3
41	. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 3765-3773	9.6	3
40	Vulnerabilities and Possible Attacks Against the GPRS Backbone Network. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 262-272	0.9	3
39	IPsec-based end-to-end VPN deployment over UMTS. <i>Computer Communications</i> , <b>2004</b> , 27, 1693-1708	5.1	3

38	The Integrated Holistic Security and Privacy Framework Deployed in CrowdHEALTH Project. <i>Acta Informatica Medica</i> , <b>2019</b> , 27, 333-340	1.9	3
37	ObjectMap <b>2019</b> ,		3
36	SECONDO: A Platform for Cybersecurity Investments and Cyber Insurance Decisions. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 65-74	0.9	3
35	A Quantitative Risk Analysis Approach for Deliberate Threats. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 13-25	0.9	3
34	Protecting Sensitive Information in the Volatile Memory from Disclosure Attacks <b>2016</b> ,		3
33	A survey of voice and communication protection solutions against wiretapping. <i>Computers and Electrical Engineering</i> , <b>2019</b> , 77, 163-178	4.3	2
32	<b>2017</b> ,		2
31	RiSKi <b>2017</b> ,		2
30	Securing the 802.11 MAC in MANETs: A specification-based intrusion detection engine <b>2012</b> ,		2
29	SOMA: Self-Organised Mesh Authentication. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 31-44	0.9	2
28	A generic mechanism for efficient authentication in B3G networks. <i>Computers and Security</i> , <b>2010</b> , 29, 460-475	4.9	2
27	Reducing the User Authentication Cost in Next Generation Networks <b>2008</b> ,		2
26	Alternative Schemes for Dynamic Secure VPN Deployment in UMTS. <i>Wireless Personal Communications</i> , <b>2006</b> , 36, 163-194	1.9	2
25	. <i>IEEE Access</i> , <b>2020</b> , 8, 224677-224701	3.5	2
24	SealedGRID: Scalable, trustEd, and interoperAble pLatform for sEecureD smart GRID		2
23	BARRETT BlockchAin Regulated REmote aTTestation <b>2019</b> ,		1
22	Attacking GSM Networks as a Script Kiddie Using Commodity Hardware and Software. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 73-86	0.9	1
21	<b>2013</b> ,		1

20	SOMA-E: Self-organized mesh authenticationExtended. <i>Mathematical and Computer Modelling</i> , <b>2013</b> , 57, 1606-1616		1
19	Bypassing XSS Auditor: Taking advantage of badly written PHP code <b>2014</b> ,		1
18	Questioning the Feasibility of UMTS-GSM Interworking Attacks. <i>Wireless Personal Communications</i> , <b>2012</b> , 65, 157-163	1.9	1
17	A Security Protocol for Mutual Authentication and Mobile VPN Deployment in B3G Networks <b>2007</b> ,		1
16	Efficient authentication for users autonomy in Next Generation All-IP networks <b>2007</b> ,		1
15	A Mobility and Energy-Aware Hierarchical Intrusion Detection System for Mobile Ad Hoc Networks. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 138-149	0.9	1
14	A forensic investigation of Android mobile applications <b>2018</b> ,		1
13	P2ISE: Preserving Project Integrity in CI/CD Based on Secure Elements. <i>Information (Switzerland)</i> , <b>2021</b> , 12, 357	2.6	1
12	SealedGRID: Secure and Interoperable Platform for Smart GRID Applications. <i>Sensors</i> , <b>2021</b> , 21,	3.8	1
11	NodeXP: NOde.js server-side JavaScript injection vulnerability DEtection and eXPloitation. <i>Journal of Information Security and Applications</i> , <b>2021</b> , 58, 102752	3.5	0
10	A large-scale analysis of Wi-Fi passwords. <i>Journal of Information Security and Applications</i> , <b>2022</b> , 67, 103199	3.9	0
9	EKnad: Exploit KitsInetwork activity detection. <i>Future Generation Computer Systems</i> , <b>2022</b> , 134, 219-235	7.5	0
8	Security and Trust <b>2006</b> , 111-130		
7	Cybersecurity Threats in the Healthcare Domain and Technical Solutions <b>2021</b> , 1-29		
6	Privacy-Preserving Aggregation in the Smart Grid. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> ,80-97	0.3	
5	SealedGRID: A Secure Interconnection of Technologies for Smart Grid Applications. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 169-175	0.9	
4	Analysis and Modeling of False Synchronizations in 3G-WLAN Integrated Networks. <i>International Federation for Information Processing</i> , <b>2012</b> , 475-488		
3	A Better Time Approximation Scheme for e-Passports. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 13-23	0.9	

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

1 Mobile Telecom Networks331-353