

Georgios Kambourakis

List of Publications by Year in descending order

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114
papers

4,172
citations

186265

28
h-index

128289

60
g-index

117
all docs

117
docs citations

117
times ranked

3418
citing authors

#	ARTICLE	IF	CITATIONS
1	How is your Wi-Fi connection today? DoS attacks on WPA3-SAE. Journal of Information Security and Applications, 2022, 64, 103058.	2.5	17
2	Let the Cat out of the Bag: Popular Android IoT Apps under Security Scrutiny. Sensors, 2022, 22, 513.	3.8	11
3	Your WAP Is at Risk: A Vulnerability Analysis on Wireless Access Point Web-Based Management Interfaces. Security and Communication Networks, 2022, 2022, 1-24.	1.5	3
4	Demystifying In-Vehicle Intrusion Detection Systems: A Survey of Surveys and a Meta-Taxonomy. Electronics (Switzerland), 2022, 11, 1072.	3.1	25
5	Pick Quality Over Quantity: Expert Feature Selection and Data Preprocessing for 802.11 Intrusion Detection Systems. IEEE Access, 2022, 10, 64761-64784.	4.2	16
6	An extrinsic random-based ensemble approach for android malware detection. Connection Science, 2021, 33, 1077-1093.	3.0	12
7	Empirical Evaluation of Attacks Against IEEE 802.11 Enterprise Networks: The AWID3 Dataset. IEEE Access, 2021, 9, 34188-34205.	4.2	38
8	Improving Android Malware Detection Through Dimensionality Reduction Techniques. Lecture Notes in Computer Science, 2021, , 57-72.	1.3	7
9	Neither Good nor Bad: A Large-Scale Empirical Analysis of HTTP Security Response Headers. Lecture Notes in Computer Science, 2021, , 83-95.	1.3	1
10	A Multi-Tier Security Analysis of Official Car Management Apps for Android. Future Internet, 2021, 13, 58.	3.8	9
11	A Comprehensive Survey on Machine Learning Techniques for Android Malware Detection. Information (Switzerland), 2021, 12, 185.	2.9	51
12	Dissecting contact tracing apps in the Android platform. PLoS ONE, 2021, 16, e0251867.	2.5	14
13	WiFi0: All Your Passphrase Are Belong to Us. Computer, 2021, 54, 82-88.	1.1	5
14	Sharing Pandemic Vaccination Certificates through Blockchain: Case Study and Performance Evaluation. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	1.2	20
15	AISGA: Multi-objective parameters optimization for countermeasures selection through genetic algorithm. , 2021, , .		0
16	A Survey on Digital Certificates Approaches for the COVID-19 Pandemic. IEEE Access, 2021, 9, 138003-138025.	4.2	27
17	Industrial and Critical Infrastructure Security: Technical Analysis of Real-Life Security Incidents. IEEE Access, 2021, 9, 165295-165325.	4.2	21
18	Demystifying COVID-19 Digital Contact Tracing: A Survey on Frameworks and Mobile Apps. Wireless Communications and Mobile Computing, 2020, 2020, 1-29.	1.2	83

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19	Two Anatomists Are Better than One”Dual-Level Android Malware Detection. Symmetry, 2020, 12, 1128.	2.2	29
20	What Email Servers Can Tell to Johnny: An Empirical Study of Provider-to-Provider Email Security. IEEE Access, 2020, 8, 130066-130081.	4.2	11
21	Neither Denied nor Exposed: Fixing WebRTC Privacy Leaks. Future Internet, 2020, 12, 92.	3.8	1
22	A State-of-the-Art Review on the Security of Mainstream IoT Wireless PAN Protocol Stacks. Symmetry, 2020, 12, 579.	2.2	27
23	Feature Importance in Android Malware Detection. , 2020, , .		8
24	A Survey on Mobile Malware Detection Techniques. IEICE Transactions on Information and Systems, 2020, E103.D, 204-211.	0.7	45
25	The Devil is in the Detail: SDP-Driven Malformed Message Attacks and Mitigation in SIP Ecosystems. IEEE Access, 2019, 7, 2401-2417.	4.2	11
26	Editorial: special issue on advances in security and privacy for future mobile communications. Electronic Commerce Research, 2019, 19, 471-475.	5.0	0
27	A comprehensive cybersecurity learning platform for elementary education. Information Security Journal, 2019, 28, 81-106.	1.9	23
28	Introducing Deep Learning Self-Adaptive Misuse Network Intrusion Detection Systems. IEEE Access, 2019, 7, 13546-13560.	4.2	111
29	Hands-Free one-Time and continuous authentication using glass wearable devices. Journal of Information Security and Applications, 2019, 46, 138-150.	2.5	11
30	Security, Privacy, and Trust on Internet of Things. Wireless Communications and Mobile Computing, 2019, 2019, 1-3.	1.2	13
31	Optimal Countermeasures Selection Against Cyber Attacks: A Comprehensive Survey on Reaction Frameworks. IEEE Communications Surveys and Tutorials, 2018, 20, 1361-1396.	39.4	85
32	A critical review of 13 years of mobile game-based learning. Educational Technology Research and Development, 2018, 66, 341-384.	2.8	58
33	Mal-Warehouse: A Data Collection-as-a-Service of Mobile Malware Behavioral Patterns. , 2018, , .		6
34	Cybertrust in the IoT Age. Computer, 2018, 51, 12-15.	1.1	17
35	Security and Privacy in Wireless and Mobile Networks. Future Internet, 2018, 10, 18.	3.8	8
36	Never say never: Authoritative TLD nameserver-powered DNS amplification. , 2018, , .		5

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37	TermID: a distributed swarm intelligence-based approach for wireless intrusion detection. International Journal of Information Security, 2017, 16, 401-416.	3.4	38
38	DDoS in the IoT: Mirai and Other Botnets. Computer, 2017, 50, 80-84.	1.1	1,251
39	Lightweight algorithm for protecting SDN controller against DDoS attacks. , 2017, , .		33
40	The Mirai botnet and the IoT Zombie Armies. , 2017, , .		129
41	Automatic Detection of Online Recruitment Frauds: Characteristics, Methods, and a Public Dataset. Future Internet, 2017, 9, 6.	3.8	48
42	Cryptographic Key Management in Delay Tolerant Networks: A Survey. Future Internet, 2017, 9, 26.	3.8	14
43	Introducing touchstroke: keystroke-based authentication system for smartphones. Security and Communication Networks, 2016, 9, 542-554.	1.5	79
44	SnoopyBot: An Android spyware to bridge the mixes in Tor. , 2016, , .		1
45	Realtime DDoS Detection in SIP Ecosystems: Machine Learning Tools of the Trade. Lecture Notes in Computer Science, 2016, , 126-139.	1.3	5
46	Intrusion Detection in 802.11 Networks: Empirical Evaluation of Threats and a Public Dataset. IEEE Communications Surveys and Tutorials, 2016, 18, 184-208.	39.4	353
47	Online recruitment services: another playground for fraudsters. Computer Fraud and Security, 2016, 2016, 8-13.	1.6	29
48	New facets of mobile botnet: architecture and evaluation. International Journal of Information Security, 2016, 15, 455-473.	3.4	50
49	CyberAware: A mobile game-based app for cybersecurity education and awareness. , 2015, , .		28
50	Let's Meet! A participatory-based discovery and rendezvous mobile marketing framework. Telematics and Informatics, 2015, 32, 539-563.	5.8	5
51	Hidden in Plain Sight. SDP-Based Covert Channel for Botnet Communication. Lecture Notes in Computer Science, 2015, , 48-59.	1.3	4
52	An efficient and easily deployable method for dealing with DoS in SIP services. Computer Communications, 2015, 57, 50-63.	5.1	18
53	Complete SIP Message Obfuscation: PrivaSIP over Tor. , 2014, , .		5
54	Android forensics: Correlation analysis. , 2014, , .		5

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55	Exposing mobile malware from the inside (or what is your mobile app really doing?). Peer-to-Peer Networking and Applications, 2014, 7, 687-697.	3.9	18
56	Editorial: Developments in Security and Privacy-Preserving Mechanisms for Future Mobile Communication Networks. Mobile Networks and Applications, 2014, 19, 61-63.	3.3	2
57	Anonymity and closely related terms in the cyberspace: An analysis by example. Journal of Information Security and Applications, 2014, 19, 2-17.	2.5	37
58	Exposing resource consumption attacks in internet multimedia services. , 2014, , .		1
59	A cloud-based architecture to crowdsource mobile app privacy leaks. , 2014, , .		22
60	User privacy and modern mobile services: are they on the same path?. Personal and Ubiquitous Computing, 2013, 17, 1437-1448.	2.8	21
61	A Privacy-Preserving Entropy-Driven Framework for Tracing DoS Attacks in VoIP. , 2013, , .		5
62	A critical review of 7 years of Mobile Device Forensics. Digital Investigation, 2013, 10, 323-349.	3.2	62
63	From keyloggers to touchloggers: Take the rough with the smooth. Computers and Security, 2013, 32, 102-114.	6.0	44
64	Attacks and Countermeasures on 802.16: Analysis and Assessment. IEEE Communications Surveys and Tutorials, 2013, 15, 487-514.	39.4	39
65	KAMU: providing advanced user privacy in Kerberos multi-domain scenarios. International Journal of Information Security, 2013, 12, 505-525.	3.4	6
66	A Competent Post-Authentication and Non-Repudiation Biometric-based Scheme for M-Learning. , 2013, , .		5
67	Evaluation of anomaly-based IDS for mobile devices using machine learning classifiers. Security and Communication Networks, 2012, 5, 3-14.	1.5	66
68	SIPA: generic and secure accounting for SIP. Security and Communication Networks, 2012, 5, 1006-1027.	1.5	4
69	MILC: A secure and privacy-preserving mobile instant locator with chatting. Information Systems Frontiers, 2012, 14, 481-497.	6.4	18
70	Modeling Multiple Modes of Operation with Alloy. Communications in Computer and Information Science, 2012, , 78-85.	0.5	0
71	A Survey on Cluster-Based Group Key Agreement Protocols for WSNs. IEEE Communications Surveys and Tutorials, 2011, 13, 429-442.	39.4	60
72	PrivaKERB: A user privacy framework for Kerberos. Computers and Security, 2011, 30, 446-463.	6.0	18

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73	Swarm intelligence in intrusion detection: A survey. Computers and Security, 2011, 30, 625-642.	6.0	174
74	PrivaSIP: Ad-hoc identity privacy in SIP. Computer Standards and Interfaces, 2011, 33, 301-314.	5.4	23
75	Privacy preserving context transfer schemes for 4G networks. Wireless Communications and Mobile Computing, 2011, 11, 289-302.	1.2	3
76	DoS attacks exploiting signaling in UMTS and IMS. Computer Communications, 2011, 34, 226-235.	5.1	36
77	iSAM: An iPhone Stealth Airborne Malware. International Federation for Information Processing, 2011, , 17-28.	0.4	21
78	A framework for identity privacy in SIP. Journal of Network and Computer Applications, 2010, 33, 16-28.	9.1	33
79	Design and implementation of a VoiceXML-driven wiki application for assistive environments on the web. Personal and Ubiquitous Computing, 2010, 14, 527-539.	2.8	8
80	Privacy-enhanced fast re-authentication for EAP-based next generation network. Computer Communications, 2010, 33, 1682-1694.	5.1	10
81	Efficient Certification Path Discovery for MANET. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	2.4	12
82	Device Authentication In Wireless And Pervasive Environments. Intelligent Automation and Soft Computing, 2010, 16, 399-418.	2.1	7
83	Pandora: An SMS-oriented m-informational system for educational realms. Journal of Network and Computer Applications, 2009, 32, 684-702.	9.1	7
84	A generic accounting scheme for next generation networks. Computer Networks, 2009, 53, 2408-2426.	5.1	7
85	A secure and efficient authentication protocol for passive RFID tags. , 2009, , .		1
86	A Cluster-Based Framework for the Security of Medical Sensor Environments. Lecture Notes in Computer Science, 2009, , 52-62.	1.3	1
87	An ontology-based policy for deploying secure SIP-based VoIP services. Computers and Security, 2008, 27, 285-297.	6.0	11
88	Two layer Denial of Service prevention on SIP VoIP infrastructures. Computer Communications, 2008, 31, 2443-2456.	5.1	30
89	Privacy Protection in Context Transfer Protocol. , 2008, , .		2
90	Caller identity privacy in SIP heterogeneous realms: A practical solution. , 2008, , .		6

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91	A pervasive wiki application based on VoiceXML. , 2008, , .		1
92	Enhancing User Privacy in Adaptive Web Sites with Client-Side User Profiles. , 2008, , .		4
93	A Speech-Enabled Assistive Collaborative Platform for Educational Purposes with User Personalization. , 2008, , .		0
94	Clustering Oriented Architectures in Medical Sensor Environments. , 2008, , .		8
95	Binary tree based public-key management for Mobile Ad Hoc Networks. , 2008, , .		5
96	A Mechanism for Ensuring the Validity and Accuracy of the Billing Services in IP Telephony. Lecture Notes in Computer Science, 2008, , 59-68.	1.3	5
97	A new Accounting Mechanism for Modern and Future AAA Services. International Federation for Information Processing, 2008, , 693-697.	0.4	1
98	Two privacy enhanced context transfer schemes. , 2007, , .		3
99	A Fair Solution to DNS Amplification Attacks. , 2007, , .		25
100	Securing Medical Sensor Environments: The CodeBlue Framework Case. , 2007, , .		30
101	Survey of secure handoff optimization schemes for multimedia services over all-IP wireless heterogeneous networks. IEEE Communications Surveys and Tutorials, 2007, 9, 18-28.	39.4	21
102	Towards effective Wireless Intrusion Detection in IEEE 802.11i. , 2007, , .		11
103	A framework for protecting a SIP-based infrastructure against malformed message attacks. Computer Networks, 2007, 51, 2580-2593.	5.1	57
104	Privacy Preserving Context Transfer in All-IP Networks. , 2007, , 390-395.		2
105	Support of subscribersâ€™ certificates in a hybrid WLAN-3G environment. Computer Networks, 2006, 50, 1843-1859.	5.1	4
106	Survey of security vulnerabilities in session initiation protocol. IEEE Communications Surveys and Tutorials, 2006, 8, 68-81.	39.4	163
107	PKI-based secure mobile access to electronic health services and data. Technology and Health Care, 2005, 13, 511-526.	1.2	10
108	PKI-based secure mobile access to electronic health services and data. Technology and Health Care, 2005, 13, 511-26.	1.2	2

#	ARTICLE	IF	CITATIONS
109	Advanced SSL/TLS-based authentication for secure WLAN-3G interworking. IET Communications, 2004, 151, 501.	1.0	33
110	Experimental Analysis of an SSL-Based AKA Mechanism in 3G-and-Beyond Wireless Networks. Wireless Personal Communications, 2004, 29, 303-321.	2.7	5
111	Using SSL/TLS in authentication and key agreement procedures of future mobile networks. , 0, , .		12
112	Security and Privacy issues towards ENUM protocol1. , 0, , .		1
113	Evaluation of digital certificates acquisition in large-scale 802.11-3GPP hybrid environments. , 0, , .		1
114	A Framework for Detecting Malformed Messages in SIP Networks. , 0, , .		22