Konstantinos Fysarakis

List of Publications by Citations

47 papers	511 citations	12 h-index	21 g-index
51 ext. papers	661 ext. citations	2.2 avg, IF	4.14 L-index

#	Paper	IF	Citations
47	A review of lightweight block ciphers. *Journal of Cryptographic Engineering*, **2018**, 8, 141-184	1.9	72
46	The Industrial Internet of Things as an enabler for a Circular Economy Hy-LP: A novel IIoT protocol, evaluated on a wind park's SDN/NFV-enabled 5G industrial network. *Computer Communications*, **2018**, 119, 127-137	5.1	42
45	A survey of lightweight stream ciphers for embedded systems. *Security and Communication Networks*, **2016**, 9, 1226-1246	1.9	40
44	Lightweight Cryptography for Embedded Systems – A Comparative Analysis. *Lecture Notes in Computer Science*, **2014**, 333-349	0.9	34
43	**2017**,		31
42	Insect Biometrics: Optoacoustic Signal Processing and Its Applications to Remote Monitoring of McPhail Type Traps. *PLoS ONE*, **2015**, 10, e0140474	3.7	31
41	Which IoT Protocol? Comparing Standardized Approaches over a Common M2M Application **2016**,		24
40	Node.DPWS: Efficient Web Services for the Internet of Things. *IEEE Software*, **2016**, 33, 60-67	1.5	22
39	The electronic McPhail trap. *Sensors*, **2014**, 14, 22285-99	3.8	20
38	How Effective Is Your Security Awareness Program? An Evaluation Methodology. *Information Security Journal*, **2012**, 21, 328-345	1	20
37	Biosensors and Internet of Things in smart healthcare applications: challenges and opportunities **2020**, 25-53		16
36	RtVMF: A Secure Real-Time Vehicle Management Framework. *IEEE Pervasive Computing*, **2016**, 15, 22-30	1.3	12
35	The Interoperability of Things: Interoperable solutions as an enabler for IoT and Web 3.0 **2018**,		12
34	SEMIoTICS Architectural Framework: End-to-end Security, Connectivity and Interoperability for Industrial IoT **2019**,		10
33	**2014**,		10
32	SecRoute: End-to-end secure communications for wireless ad-hoc networks **2017**,		8
31	XSACd–Cross-domain resource sharing & access control for smart environments. *Future Generation Computer Systems*, **2018**, 80, 572-582	7.5	8

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30	Reactive security for SDN/NFV-enabled industrial networks leveraging service function chaining. *Transactions on Emerging Telecommunications Technologies*, **2018**, 29, e3269	1.9	7
29	A Reactive Security Framework for operational wind parks using Service Function Chaining **2017**,		7
28	RT-SPDM: Real-Time Security, Privacy and Dependability Management of Heterogeneous Systems. *Lecture Notes in Computer Science*, **2015**, 619-630	0.9	7
27	Policy-Controlled Authenticated Access to LLN-Connected Healthcare Resources. *IEEE Systems Journal*, **2018**, 12, 92-102	4.3	6
26	Architectural Patterns for Secure IoT Orchestrations **2019**,		6
25	Networking-Aware IoT Application Development. *Sensors*, **2020**, 20,	3.8	5
24	VirtuWind An SDN- and NFV-Based Architecture for Softwarized Industrial Networks. *Lecture Notes in Computer Science*, **2018**, 251-261	0.9	5
23	Embedded Systems Security: A Survey of EU Research Efforts. *Security and Communication Networks*, **2015**, 8, 2016-2036	1.9	5
22	Pattern-Driven Security, Privacy, Dependability and Interoperability Management of IoT Environments **2019**,		5
21	Towards a Collection of Security and Privacy Patterns. *Applied Sciences (Switzerland)*, **2021**, 11, 1396	2.6	5
20	. *IEEE Vehicular Technology Magazine*, **2020**, 15, 20-31	9.9	4
19	Towards IoT Orchestrations with Security, Privacy, Dependability and Interoperability Guarantees **2019**,		4
18	WARDOG: Awareness Detection Watchdog for Botnet Infection on the Host Device. *IEEE Transactions on Sustainable Computing*, **2021**, 6, 4-18	3.5	4
17	WSACd - A Usable Access Control Framework for Smart Home Devices. *Lecture Notes in Computer Science*, **2015**, 120-133	0.9	3
16	Secure policy-based management solutions in heterogeneous embedded systems networks **2012**,		3
15	DSAPE Dynamic Security Awareness Program Evaluation. *Lecture Notes in Computer Science*, **2014**, 258-269		3
14	Security Concerns in Cooperative Intelligent Transportation Systems **2017**, 487-522		3
13	The Green Blockchains of Circular Economy. *Electronics (Switzerland)*, **2021**, 10, 2008	2.6	3

12	CloudNet Anti-malware Engine: GPU-Accelerated Network Monitoring for Cloud Services. *Lecture Notes in Computer Science*, **2019**, 122-133	0.9	2
11	The THREAT-ARREST Cyber-Security Training Platform. *Lecture Notes in Computer Science*, **2020**, 199-214	0.9	2
10	Model-Driven Cyber Range Training: A Cyber Security Assurance Perspective. *Lecture Notes in Computer Science*, **2020**, 172-184	0.9	2
9	SPD-Safe: Secure Administration of Railway Intelligent Transportation Systems. *Electronics (Switzerland)*, **2021**, 10, 92	2.6	2
8	SeMIBIoT: Secure Multi-Protocol Integration Bridge for the IoT **2018**,		2
7	The CE-IoT Framework for Green ICT Organizations: The interplay of CE-IoT as an enabler for green innovation and e-waste management in ICT **2019**,		1
6	A lightweight anonymity & location privacy service **2013**,		1
5	Cyber Range Training Programme Specification Through Cyber Threat and Training Preparation Models. *Lecture Notes in Computer Science*, **2020**, 22-37	0.9	1
4	Policy-Based Access Control for Body Sensor Networks. *Lecture Notes in Computer Science*, **2014**, 150-159	0.9	1
3	A Pattern-Driven Adaptation in IoT Orchestrations to Guarantee SPDI Properties. *Lecture Notes in Computer Science*, **2020**, 143-156	0.9	0
2	Service Chaining Using Software-Defined Networks **2019**, 1-23		0
1	Secure and Authenticated Access to LLN Resources Through Policy Constraints. *Lecture Notes in Computer Science*, **2015**, 271-280	0.9	