

Ola Salman

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,482
citations

840119

11
h-index

794141

19
g-index

36
all docs

36
docs citations

36
times ranked

1230
citing authors

#	ARTICLE	IF	CITATIONS
1	A machine learning based framework for IoT device identification and abnormal traffic detection. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3743.	2.6	69
2	Novel one round message authentication scheme for constrained IoT devices. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 483-499.	3.3	5
3	Robotics cyber security: vulnerabilities, attacks, countermeasures, and recommendations. International Journal of Information Security, 2022, 21, 115-158.	2.3	72
4	LoRCA: Lightweight round block and stream cipher algorithms for IoV systems. Vehicular Communications, 2022, 34, 100416.	2.7	5
5	Towards efficient real-time traffic classifier: A confidence measure with ensemble Deep Learning. Computer Networks, 2022, 204, 108684.	3.2	1
6	A Single-Pass and One-Round Message Authentication Encryption for Limited IoT Devices. IEEE Internet of Things Journal, 2022, 9, 17885-17900.	5.5	4
7	Advanced digital forensics and anti-digital forensics for IoT systems: Techniques, limitations and recommendations. Internet of Things (Netherlands), 2022, 19, 100544.	4.9	17
8	TRESC: Towards redesigning existing symmetric ciphers. Microprocessors and Microsystems, 2021, 87, 103478.	1.8	3
9	Data representation for CNN based internet traffic classification: a comparative study. Multimedia Tools and Applications, 2021, 80, 16951-16977.	2.6	10
10	Securing internet of medical things systems: Limitations, issues and recommendations. Future Generation Computer Systems, 2020, 105, 581-606.	4.9	144
11	DistLog: A distributed logging scheme for IoT forensics. Ad Hoc Networks, 2020, 98, 102061.	3.4	32
12	LoRaWAN security survey: Issues, threats and possible mitigation techniques. Internet of Things (Netherlands), 2020, 12, 100303.	4.9	64
13	Efficient & secure image availability and content protection. Multimedia Tools and Applications, 2020, 79, 22869-22904.	2.6	4
14	Efficient and Secure Keyed Hash Function Scheme Based on RC4 Stream Cipher. , 2020, , .		2
15	Security analysis of drones systems: Attacks, limitations, and recommendations. Internet of Things (Netherlands), 2020, 11, 100218.	4.9	304
16	Cyber-physical systems security: Limitations, issues and future trends. Microprocessors and Microsystems, 2020, 77, 103201.	1.8	215
17	A review on machine learning-based approaches for Internet traffic classification. Annales Des Telecommunications/Annals of Telecommunications, 2020, 75, 673-710.	1.6	55
18	Denosing Adversarial Autoencoder for Obfuscated Traffic Detection and Recovery. Lecture Notes in Computer Science, 2020, , 99-116.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Efficient and Secure Cipher Scheme for Limited IoT Devices. , 2020, , .		0
20	Efficient and Secure Statistical DDoS Detection Scheme. , 2020, , .		1
21	Towards Securing LoRaWAN ABP Communication System. , 2020, , .		4
22	Machine Learning for Network Resiliency and Consistency. , 2019, , .		4
23	Preserving data security in distributed fog computing. Ad Hoc Networks, 2019, 94, 101937.	3.4	44
24	A Multi-level Internet Traffic Classifier Using Deep Learning. , 2018, , .		17
25	IoT survey: An SDN and fog computing perspective. Computer Networks, 2018, 143, 221-246.	3.2	150
26	Pushing intelligence to the network edge. , 2018, , .		6
27	Multi-level security for the 5G/IoT ubiquitous network. , 2017, , .		6
28	Software Defined IoT security framework. , 2017, , .		13
29	QoS guarantee over hybrid SDN/non-SDN networks. , 2017, , .		5
30	Analysis of topology based routing protocols for VANETs in different environments. , 2016, , .		12
31	A game-theoretic approach to resource allocation in the cloud. , 2016, , .		3
32	Identity-based authentication scheme for the Internet of Things. , 2016, , .		73
33	An architecture for the Internet of Things with decentralized data and centralized control. , 2015, , .		19
34	Edge computing enabling the Internet of Things. , 2015, , .		112
35	DKEMA: GPU-based and dynamic key-dependent efficient message authentication algorithm. Journal of Supercomputing, 0, , 1.	2.4	0
36	Mutated traffic detection and recovery: an adversarial generative deep learning approach. Annales Des Telecommunications/Annals of Telecommunications, 0, , 1.	1.6	3