Devrim Unal

List of Publications by Citations

27 papers	248 citations	9 h-index	15 g-index
29 ext. papers	461 ext. citations	3.5 avg, IF	4.16 L-index

#	Paper	IF	Citations
27	Deep Learning for Detection of Routing Attacks in the Internet of Things. *International Journal of Computational Intelligence Systems*, **2018**, 12, 39	3.4	51
26	Recent Advances in the Internet-of-Medical-Things (IoMT) Systems Security. *IEEE Internet of Things Journal*, **2021**, 8, 8707-8718	10.7	31
25	Intrusion Detection System for Healthcare Systems Using Medical and Network Data: A Comparison Study. *IEEE Access*, **2020**, 8, 106576-106584	3.5	25
24	Time-series forecasting of Bitcoin prices using high-dimensional features: a machine learning approach. *Neural Computing and Applications*, **2020**, 1-15	4.8	23
23	Policy specification and verification for blockchain and smart contracts in 5G networks. *ICT Express*, **2020**, 6, 43-47	4.9	21
22	A formal role-based access control model for security policies in multi-domain mobile networks. *Computer Networks*, **2013**, 57, 330-350	5.4	16
21	A Service-Oriented Approach for Sensing in the Internet of Things: Intelligent Transportation Systems and Privacy Use Cases. *IEEE Sensors Journal*, **2020**, 1-1	4	12
20	Advanced Deep Learning for Resource Allocation and Security Aware Data Offloading in Industrial Mobile Edge Computing. *Big Data*, **2021**, 9, 265-278	3.1	11
19	Integration of federated machine learning and blockchain for the provision of secure big data analytics for Internet of Things. *Computers and Security*, **2021**, 109, 102393	4.9	9
18	A Cyber-Security Methodology for a Cyber-Physical Industrial Control System Testbed. *IEEE Access*, **2021**, 9, 16239-16253	3.5	9
17	Mobile Authentication Secure against Man-in-the-Middle Attacks **2014**,		6
16	Mobile Authentication Secure Against Man-In-The-Middle Attacks. *Procedia Computer Science*, **2014**, 34, 323-329	1.6	6
15	Security concerns on machine learning solutions for 6G networks in mmWave beam prediction. *Physical Communication*, **2022**, 52, 101626	2.2	6
14	Exploiting Bluetooth Vulnerabilities in e-Health IoT Devices **2019**,		4
13	A secure and efficient Internet of Things cloud encryption scheme with forensics investigation compatibility based on identity-based encryption. *Future Generation Computer Systems*, **2021**, 125, 433-445	7.5	4
12	**2020**,		3
11	Theorem proving for modeling and conflict checking of authorization policies		2

2

LIST OF PUBLICATIONS

10	Cybersecurity of multi-cloud healthcare systems: A hierarchical deep learning approach. *Applied Soft Computing Journal*, **2022**, 118, 108439	7.5	2
9	Safety Score as an Evaluation Metric for Machine Learning Models of Security Applications. *IEEE Networking Letters*, **2020**, 2, 207-211	2.8	2
8	Fuzzy Identification-Based Encryption for healthcare user face authentication. *Journal of Emergency Medicine, Trauma and Acute Care*, **2022**, 2022,	0.3	1
7	Performance Evaluation of No-Pairing ECC-Based KPABE on IoT Platforms **2020**,		1
6	Model Checking of Location and Mobility Related Security Policy Specifications in Ambient Calculus. *Lecture Notes in Computer Science*, **2010**, 155-168	0.9	1
5	Factors Affecting the Performance of Sub-1 GHz IoT Wireless Networks. *Wireless Communications and Mobile Computing*, **2021**, 2021, 1-13	1.9	1
4	Detection of Botnet Attacks against Industrial IoT Systems by Multilayer Deep Learning Approaches. *Wireless Communications and Mobile Computing*, **2022**, 2022, 1-12	1.9	1
3	XFPM-RBAC: XML-based specification language for security policies in multidomain mobile networks. *Security and Communication Networks*, **2013**, 6, 1420-1444	1.9	
2	Lightweight KPABE Architecture Enabled in Mesh Networked Resource-Constrained IoT Devices. *IEEE Access*, **2021**, 9, 5640-5650	3.5	
1	Machine learning for the security of healthcare systems based on Internet of Things and edge computing **2022**, 299-320		