Devrim Unal

List of Publications by Year
in descending order

29 papers	761 citations	686830 13 h-index	752256 20 g-index
29 all docs	29 docs citations	29 times ranked	505 citing authors

#	Article	IF	Citations
1	Cybersecurity of multi-cloud healthcare systems: A hierarchical deep learning approach. Applied Soft Computing Journal, 2022, 118, 108439.	4.1	21
2	Fuzzy Identification-Based Encryption for healthcare user face authentication. Journal of Emergency Medicine, Trauma and Acute Care, 2022, 2022, .	0.1	3
3	Security concerns on machine learning solutions for 6G networks in mmWave beam prediction. Physical Communication, 2022, 52, 101626.	1.2	28
4	Detection of Botnet Attacks against Industrial IoT Systems by Multilayer Deep Learning Approaches. Wireless Communications and Mobile Computing, 2022, 2022, 1-12.	0.8	8
5	Machine learning for the security of healthcare systems based on Internet of Things and edge computing. , 2022, , 299-320.		7
6	A Service-Oriented Approach for Sensing in the Internet of Things: Intelligent Transportation Systems and Privacy Use Cases. IEEE Sensors Journal, 2021, 21, 15753-15761.	2.4	32
7	Lightweight KPABE Architecture Enabled in Mesh Networked Resource-Constrained IoT Devices. IEEE Access, 2021, 9, 5640-5650.	2.6	1
8	Recent Advances in the Internet-of-Medical-Things (IoMT) Systems Security. IEEE Internet of Things Journal, 2021, 8, 8707-8718.	5.5	137
9	Factors Affecting the Performance of Sub-1â€‰GHz IoT Wireless Networks. Wireless Communications and Mobile Computing, 2021, 2021, 1-13.	0.8	2
10	Advanced Deep Learning for Resource Allocation and Security Aware Data Offloading in Industrial Mobile Edge Computing. Big Data, 2021, 9, 265-278.	2.1	32
11	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.	4.0	55
12	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.	4.9	24
13	A Cyber-Security Methodology for a Cyber-Physical Industrial Control System Testbed. IEEE Access, 2021, 9, 16239-16253.	2.6	25
14	A Testbed Implementation of a Biometric Identity-Based Encryption for IoMT-enabled Healthcare System. , 2021, , .		1
15	Bringing Coordination Languages Back to the Future Using Blockchain Smart Contracts. , 2021, , .		1
16	Policy specification and verification for blockchain and smart contracts in 5G networks. ICT Express, 2020, 6, 43-47.	3.3	39
17	Safety Score as an Evaluation Metric for Machine Learning Models of Security Applications. IEEE Networking Letters, 2020, 2, 207-211.	1.5	6
18	Qatar Green Schools Initiative: Energy Management System with Cost-Efficient and Lightweight Networked IoT. , 2020, , .		5

#	Article	IF	Citations
19	Intrusion Detection System for Healthcare Systems Using Medical and Network Data: A Comparison Study. IEEE Access, 2020, 8, 106576-106584.	2.6	97
20	Time-series forecasting of Bitcoin prices using high-dimensional features: a machine learning approach. Neural Computing and Applications, 2020, , 1-15.	3.2	69
21	Performance Evaluation of No-Pairing ECC-Based KPABE on IoT Platforms. , 2020, , .		1
22	Exploiting Bluetooth Vulnerabilities in e-Health IoT Devices. , 2019, , .		14
23	Deep Learning for Detection of Routing Attacks in the Internet of Things. International Journal of Computational Intelligence Systems, 2018, 12, 39.	1.6	104
24	Mobile Authentication Secure against Man-in-the-Middle Attacks. , 2014, , .		13
25	Mobile Authentication Secure Against Man-In-The-Middle Attacks. Procedia Computer Science, 2014, 34, 323-329.	1.2	9
26	XFPMâ€RBAC: XMLâ€based specification language for security policies in multidomain mobile networks. Security and Communication Networks, 2013, 6, 1420-1444.	1.0	1
27	A formal role-based access control model for security policies in multi-domain mobile networks. Computer Networks, 2013, 57, 330-350.	3.2	21
28	Model Checking of Location and Mobility Related Security Policy Specifications in Ambient Calculus. Lecture Notes in Computer Science, 2010, , 155-168.	1.0	2
29	Theorem Proving for Modeling and Conflict Checking of Authorization Policies. , 0, , .		3