# Devrim Unal

## List of Publications by Year in Descending Order

| 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 | Cybersecurity of multi-cloud healthcare systems: A hierarchical deep learning approach. *Applied Soft Computing Journal*, **2022**, 118, 108439 | 7.5 | 2 |
| 26 | Fuzzy Identification-Based Encryption for healthcare user face authentication. *Journal of Emergency Medicine, Trauma and Acute Care*, **2022**, 2022, | 0.3 | 1 |
| 25 | Security concerns on machine learning solutions for 6G networks in mmWave beam prediction. *Physical Communication*, **2022**, 52, 101626 | 2.2 | 6 |
| 24 | 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 |
| 23 | Machine learning for the security of healthcare systems based on Internet of Things and edge computing **2022**, 299-320 | | |
| 22 | Recent Advances in the Internet-of-Medical-Things (IoMT) Systems Security. *IEEE Internet of Things Journal*, **2021**, 8, 8707-8718 | 10.7 | 31 |
| 21 | Factors Affecting the Performance of Sub-1 GHz IoT Wireless Networks. *Wireless Communications and Mobile Computing*, **2021**, 2021, 1-13 | 1.9 | 1 |
| 20 | Lightweight KPABE Architecture Enabled in Mesh Networked Resource-Constrained IoT Devices. *IEEE Access*, **2021**, 9, 5640-5650 | 3.5 | |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 |
| 16 | A Cyber-Security Methodology for a Cyber-Physical Industrial Control System Testbed. *IEEE Access*, **2021**, 9, 16239-16253 | 3.5 | 9 |
| 15 | **2020**, | | 3 |
| 14 | Intrusion Detection System for Healthcare Systems Using Medical and Network Data: A Comparison Study. *IEEE Access*, **2020**, 8, 106576-106584 | 3.5 | 25 |
| 13 | Time-series forecasting of Bitcoin prices using high-dimensional features: a machine learning approach. *Neural Computing and Applications*, **2020**, 1-15 | 4.8 | 23 |
| 12 | 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 |
| 11 | Performance Evaluation of No-Pairing ECC-Based KPABE on IoT Platforms **2020**, | | 1 |

# LIST OF PUBLICATIONS

| | | | |
|---|---|---|---|
| 10 | Safety Score as an Evaluation Metric for Machine Learning Models of Security Applications. *IEEE Networking Letters*, **2020**, 2, 207-211 | 2.8 | 2 |
| 9 | Policy specification and verification for blockchain and smart contracts in 5G networks. *ICT Express*, **2020**, 6, 43-47 | 4.9 | 21 |
| 8 | Exploiting Bluetooth Vulnerabilities in e-Health IoT Devices **2019**, | | 4 |
| 7 | Deep Learning for Detection of Routing Attacks in the Internet of Things. *International Journal of Computational Intelligence Systems*, **2018**, 12, 39 | 3.4 | 51 |
| 6 | Mobile Authentication Secure against Man-in-the-Middle Attacks **2014**, | | 6 |
| 5 | Mobile Authentication Secure Against Man-In-The-Middle Attacks. *Procedia Computer Science*, **2014**, 34, 323-329 | 1.6 | 6 |
| 4 | XFPM-RBAC: XML-based specification language for security policies in multidomain mobile networks. *Security and Communication Networks*, **2013**, 6, 1420-1444 | 1.9 | |
| 3 | A formal role-based access control model for security policies in multi-domain mobile networks. *Computer Networks*, **2013**, 57, 330-350 | 5.4 | 16 |
| 2 | Model Checking of Location and Mobility Related Security Policy Specifications in Ambient Calculus. *Lecture Notes in Computer Science*, **2010**, 155-168 | 0.9 | 1 |
| 1 | Theorem proving for modeling and conflict checking of authorization policies | | 2 |