

# Shayan Taheri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8818861/publications.pdf>

Version: 2024-02-01

16  
papers

266  
citations

1307594

7  
h-index

1199594

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all docs

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docs citations

16  
times ranked

393  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | An Overview of Medical Electronic Hardware Security and Emerging Solutions. Electronics (Switzerland), 2022, 11, 610.   | 3.1 | 1         |
| 2  | PCB Component Detection Using Computer Vision for Hardware Assurance. Big Data and Cognitive Computing, 2022, 6, 39.  | 4.7 | 13        |
| 3  | Why Is Deep Learning Challenging for Printed Circuit Board (PCB) Component Recognition and How Can We Address It?. Cryptography, 2021, 5, 9.                            | 2.3 | 19        |
| 4  | IC SynthLogo: A Synthetic Logo Image Dataset for Counterfeit and Recycled IC detection. , 2021, , .   |     | 2         |
| 5  | Developing a Robust Defensive System against Adversarial Examples Using Generative Adversarial Networks. Big Data and Cognitive Computing, 2020, 4, 11.                 | 4.7 | 4         |
| 6  | RazorNet: Adversarial Training and Noise Training on a Deep Neural Network Fooled by a Shallow Neural Network. Big Data and Cognitive Computing, 2019, 3, 43.           | 4.7 | 4         |
| 7  | Utilizing Transfer Learning and Homomorphic Encryption in a Privacy Preserving and Secure Biometric Recognition System. Computers, 2019, 8, 3.                          | 3.3 | 31        |
| 8  | Leveraging Image Representation of Network Traffic Data and Transfer Learning in Botnet Detection. Big Data and Cognitive Computing, 2018, 2, 37.                       | 4.7 | 24        |
| 9  | Anomaly Generation Using Generative Adversarial Networks in Host-Based Intrusion Detection. , 2018, , .   |     | 24        |
| 10 | ECG Arrhythmia Classification Using Transfer Learning from 2- Dimensional Deep CNN Features. , 2018, , .  |     | 84        |
| 11 | An Experimental Evaluation of Fault Diagnosis from Imbalanced and Incomplete Data for Smart Semiconductor Manufacturing. Big Data and Cognitive Computing, 2018, 2, 30. | 4.7 | 18        |
| 12 | A Cross-Layer Biometric Recognition System for Mobile IoT Devices. Electronics (Switzerland), 2018, 7, 26.  | 3.1 | 11        |
| 13 | Security analysis of computing systems from circuit-architectural perspective. , 2017, , .  |     | 0         |
| 14 | Security Interrogation and Defense for SAR Analog to Digital Converter. Electronics (Switzerland), 2017, 6, 48.   | 3.1 | 7         |
| 15 | Mixed-Signal Hardware Security: Attacks and Countermeasures for $\hat{\mu}$ ADC. Electronics (Switzerland), 2017, 6, 60.  | 3.1 | 2         |
| 16 | Ultra-Low-Power Design and Hardware Security Using Emerging Technologies for Internet of Things. Electronics (Switzerland), 2017, 6, 67.                                | 3.1 | 22        |