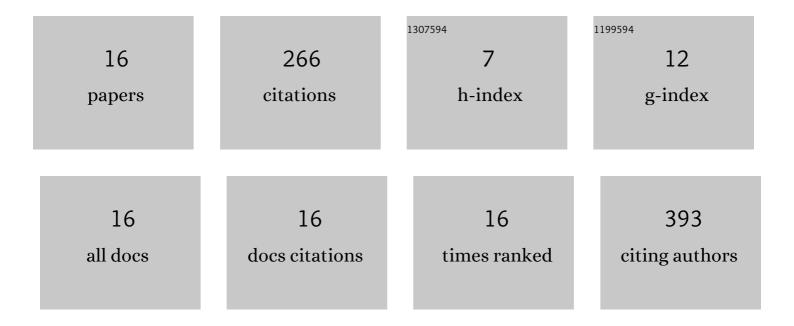
Shayan Taheri

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8818861/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | ECG Arrhythmia Classification Using Transfer Learning from 2- Dimensional Deep CNN Features. , 2018, , | | 84 |
| 2 | Utilizing Transfer Learning and Homomorphic Encryption in a Privacy Preserving and Secure Biometric Recognition System. Computers, 2019, 8, 3. | 3.3 | 31 |
| 3 | Leveraging Image Representation of Network Traffic Data and Transfer Learning in Botnet Detection. Big Data and Cognitive Computing, 2018, 2, 37. | 4.7 | 24 |
| 4 | Anomaly Generation Using Generative Adversarial Networks in Host-Based Intrusion Detection. , 2018, , | | 24 |
| 5 | Ultra-Low-Power Design and Hardware Security Using Emerging Technologies for Internet of Things. Electronics (Switzerland), 2017, 6, 67. | 3.1 | 22 |
| 6 | 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 |
| 7 | 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 |
| 8 | PCB Component Detection Using Computer Vision for Hardware Assurance. Big Data and Cognitive Computing, 2022, 6, 39. | 4.7 | 13 |
| 9 | A Cross-Layer Biometric Recognition System for Mobile IoT Devices. Electronics (Switzerland), 2018, 7, 26. | 3.1 | 11 |
| 10 | Security Interrogation and Defense for SAR Analog to Digital Converter. Electronics (Switzerland), 2017, 6, 48. | 3.1 | 7 |
| 11 | 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 |
| 12 | Developing a Robust Defensive System against Adversarial Examples Using Generative Adversarial Networks. Big Data and Cognitive Computing, 2020, 4, 11. | 4.7 | 4 |
| 13 | Mixed-Signal Hardware Security: Attacks and Countermeasures for ΔΣ ADC. Electronics (Switzerland), 2017, 6, 60. | 3.1 | 2 |
| 14 | IC SynthLogo: A Synthetic Logo Image Dataset for Counterfeit and Recycled IC detection. , 2021, , . | | 2 |
| 15 | An Overview of Medical Electronic Hardware Security and Emerging Solutions. Electronics (Switzerland), 2022, 11, 610. | 3.1 | 1 |
| 16 | Security analysis of computing systems from circuit-architectural perspective. , 2017, , . | | 0 |