

Shayan Taheri

List of Publications by Year in descending order

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

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16
papers

266
citations

1307594

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16
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16
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	EKG 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 $\hat{\mu}$ 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