

Damon L Woodard

List of Publications by Year in descending order

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25
papers

446
citations

1163117

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1281871

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25
all docs

25
docs citations

25
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting Hardware Trojans Using Combined Self-Testing and Imaging. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2022, 41, 1730-1743.	2.7	12
2	REFICS: Assimilating Data-Driven Paradigms Into Reverse Engineering and Hardware Assurance on Integrated Circuits. IEEE Access, 2021, 9, 131955-131976.	4.2	9
3	Hardware Trust and Assurance through Reverse Engineering: A Tutorial and Outlook from Image Analysis and Machine Learning Perspectives. ACM Journal on Emerging Technologies in Computing Systems, 2021, 17, 1-53.	2.3	44
4	SQSE: A Measure to Assess Sample Quality of Authorial Style as a Cognitive Biometric Trait. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2021, 3, 583-596.	4.4	2
5	An Analysis of Enrollment and Query Attacks on Hierarchical Bloom Filter-Based Biometric Systems. IEEE Transactions on Information Forensics and Security, 2021, 16, 5294-5309.	6.9	2
6	ECG Biometric: Spoofing and Countermeasures. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2020, 2, 257-270.	4.4	22
7	Knowledge-Based Object Localization in Scanning Electron Microscopy Images for Hardware Assurance. , 2020, , .		6
8	Automated Detection and Localization of Counterfeit Chip Defects by Texture Analysis in Infrared (IR) Domain. , 2020, , .		7
9	Golden Gates: A New Hybrid Approach for Rapid Hardware Trojan Detection using Testing and Imaging. , 2019, , .		25
10	First Auto-Magnifier Platform for Hardware Assurance and Reverse Engineering Integrated Circuits. Microscopy and Microanalysis, 2019, 25, 226-227.	0.4	3
11	Unlock Your Heart: Next Generation Biometric in Resource-Constrained Healthcare Systems and IoT. IEEE Access, 2019, 7, 49135-49149.	4.2	29
12	You Are Not Acting Like Yourself: A Study on Soft Biometric Classification, Person Identification, and Mobile Device Use. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2019, 1, 109-122.	4.4	15
13	Hierarchical Bloom Filter Framework for Security, Space-efficiency, and Rapid Query Handling in Biometric Systems. , 2019, , .		1
14	A gender-specific behavioral analysis of mobile device usage data. , 2018, , .		8
15	Surveying Stylometry Techniques and Applications. ACM Computing Surveys, 2018, 50, 1-36.	23.0	108
16	On the Use of Mobile Calling Patterns for Soft Biometric Classification. , 2018, , .		1
17	Detecting Hardware Trojans Inserted by Untrusted Foundry Using Physical Inspection and Advanced Image Processing. Journal of Hardware and Systems Security, 2018, 2, 333-344.	1.3	32
18	Physical Inspection & Attacks: New Frontier in Hardware Security. , 2018, , .		40

#	ARTICLE	IF	CITATIONS
19	Style Signatures to Combat Biometric Menagerie in Stylometry. , 2018, , .		2
20	Exploiting Linguistic Style as a Cognitive Biometric for Continuous Verification. , 2018, , .		10
21	Trojan Scanner: Detecting Hardware Trojans with Rapid SEM Imaging Combined with Image Processing and Machine Learning. , 2018, , .		36
22	Automated Detection of Pin Defects on Counterfeit Microelectronics. , 2018, , .		4
23	On the vulnerability of ECG verification to online presentation attacks. , 2017, , .		18
24	Spoofing analysis of mobile device data as behavioral biometric modalities. , 2017, , .		3
25	Using associative classification to authenticate mobile device users. , 2017, , .		7