

# Damon L Woodard

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2620004/publications.pdf>

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25  
papers

446  
citations

1163117

8  
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1281871

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g-index

25  
all docs

25  
docs citations

25  
times ranked

277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surveying Stylometry Techniques and Applications. ACM Computing Surveys, 2018, 50, 1-36.	23.0	108
2	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
3	Physical Inspection & Attacks: New Frontier in Hardware Security. , 2018, , .		40
4	Trojan Scanner: Detecting Hardware Trojans with Rapid SEM Imaging Combined with Image Processing and Machine Learning. , 2018, , .		36
5	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
6	Unlock Your Heart: Next Generation Biometric in Resource-Constrained Healthcare Systems and IoT. IEEE Access, 2019, 7, 49135-49149.	4.2	29
7	Golden Gates: A New Hybrid Approach for Rapid Hardware Trojan Detection using Testing and Imaging. , 2019, , .		25
8	ECG Biometric: Spoofing and Countermeasures. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2020, 2, 257-270.	4.4	22
9	On the vulnerability of ECG verification to online presentation attacks. , 2017, , .		18
10	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
11	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
12	Exploiting Linguistic Style as a Cognitive Biometric for Continuous Verification. , 2018, , .		10
13	REFICS: Assimilating Data-Driven Paradigms Into Reverse Engineering and Hardware Assurance on Integrated Circuits. IEEE Access, 2021, 9, 131955-131976.	4.2	9
14	A gender-specific behavioral analysis of mobile device usage data. , 2018, , .		8
15	Using associative classification to authenticate mobile device users. , 2017, , .		7
16	Automated Detection and Localization of Counterfeit Chip Defects by Texture Analysis in Infrared (IR) Domain. , 2020, , .		7
17	Knowledge-Based Object Localization in Scanning Electron Microscopy Images for Hardware Assurance. , 2020, , .		6
18	Automated Detection of Pin Defects on Counterfeit Microelectronics. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Spoofting analysis of mobile device data as behavioral biometric modalities. , 2017, , .		3
20	First Auto-Magnifier Platform for Hardware Assurance and Reverse Engineering Integrated Circuits. Microscopy and Microanalysis, 2019, 25, 226-227.	0.4	3
21	Style Signatures to Combat Biometric Menagerie in Stylometry. , 2018, , .		2
22	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
23	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
24	On the Use of Mobile Calling Patterns for Soft Biometric Classification. , 2018, , .		1
25	Hierarchical Bloom Filter Framework for Security, Space-efficiency, and Rapid Query Handling in Biometric Systems. , 2019, , .		1