Prabuddha Chakraborty

List of Publications by Year
in descending order

14 papers	248 citations	1478505 6 h-index	1372567 10 g-index
14 all docs	14 docs citations	14 times ranked	92 citing authors

#	Article	IF	Citations
1	SAIL: Machine Learning Guided Structural Analysis Attack on Hardware Obfuscation. , 2018, , .		81
2	Addressing the range anxiety of battery electric vehicles with charging en route. Scientific Reports, 2022, 12, 5588.	3.3	44
3	Hardware IP Trust Validation: Learn (the Untrustworthy), and Verify. , 2018, , .		32
4	SURF: Joint Structural Functional Attack on Logic Locking. , 2019, , .		29
5	SAIL: Analyzing Structural Artifacts of Logic Locking Using Machine Learning. IEEE Transactions on Information Forensics and Security, 2021, 16, 3828-3842.	6.9	11
6	LeGO: A Learning-Guided Obfuscation Framework for Hardware IP Protection. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2022, 41, 854-867.	2.7	10
7	MAGIC: Machine-Learning-Guided Image Compression for Vision Applications in Internet of Things. IEEE Internet of Things Journal, 2021, 8, 7303-7315.	8.7	9
8	ARTS: A Framework for AI-Rooted IoT System Design Automation. IEEE Embedded Systems Letters, 2022, 14, 151-154.	1.9	7
9	P2C2: Peer-to-Peer Car Charging. , 2020, , .		6
10	Golden-Free Hardware Trojan Detection Using Self-Referencing. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2022, 30, 325-338.	3.1	6
11	Pasteables: A Flexible and Smart "Stick-and-Peel'' Wearable Platform for Fitness & Athletics. IEEE Consumer Electronics Magazine, 2024, , 1-1.	2.3	6
12	HASTE: Software Security Analysis for Timing Attacks on Clear Hardware Assumption. IEEE Embedded Systems Letters, 2022, 14, 71-74.	1.9	4
13	BINGO: brain-inspired learning memory. Neural Computing and Applications, 2022, 34, 3223-3247.	5.6	2
14	An Automated Framework for Board-Level Trojan Benchmarking. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2023, 42, 397-410.	2.7	1