

# Sayandeep Saha

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Evolution of Fault Attacks on Cryptosystems. , 2021, , 1-7.		2
2	Divided We Stand, United We Fall: Security Analysis of Some SCA+SIFA Countermeasures Against SCA-Enhanced Fault Template Attacks. Lecture Notes in Computer Science, 2021, , 62-94.	1.3	5
3	Transform Without Encode is not Sufficient for SIFA and FTA Security: A Case Study. Lecture Notes in Computer Science, 2021, , 85-104.	1.3	1
4	A Framework to Counter Statistical Ineffective Fault Analysis of Block Ciphers Using Domain Transformation and Error Correction. IEEE Transactions on Information Forensics and Security, 2020, 15, 1905-1919.	6.9	30
5	Fault Attack on SKINNY Cipher. Journal of Hardware and Systems Security, 2020, 4, 277-296.	1.3	3
6	ExplFrame: Exploiting Page Frame Cache for Fault Analysis of Block Ciphers. , 2020, , .		6
7	Fault Template Attacks on Block Ciphers Exploiting Fault Propagation. Lecture Notes in Computer Science, 2020, , 612-643.	1.3	29
8	LoPher: SAT-Hardened Logic Embedding on Block Ciphers. , 2020, , .		15
9	An automated framework for exploitable fault identification in block ciphers. Journal of Cryptographic Engineering, 2019, 9, 203-219.	1.8	4
10	Automatic Characterization of Exploitable Faults: A Machine Learning Approach. IEEE Transactions on Information Forensics and Security, 2019, 14, 954-968.	6.9	18
11	Exploitable Fault Space Characterization: A Complementary Approach. , 2019, , 59-88.		0
12	Breaking Redundancy-Based Countermeasures with Random Faults and Power Side Channel. , 2018, , .		10
13	Differential Fault Attack on SKINNY Block Cipher. Lecture Notes in Computer Science, 2018, , 177-197.	1.3	3
14	Mutated IWO Optimized 4-D Array for Femtocell Cognitive Radio. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2614-2617.	4.0	7
15	Testability Based Metric for Hardware Trojan Vulnerability Assessment. , 2016, , .		10
16	Improved Test Pattern Generation for Hardware Trojan Detection Using Genetic Algorithm and Boolean Satisfiability. Lecture Notes in Computer Science, 2015, , 577-596.	1.3	69