

Sayandeep Saha

List of Publications by Year in descending order

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16
papers

212
citations

1684188

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1372567

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17
all docs

17
docs citations

17
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Fault Template Attacks on Block Ciphers Exploiting Fault Propagation. Lecture Notes in Computer Science, 2020, , 612-643.	1.3	29
4	Automatic Characterization of Exploitable Faults: A Machine Learning Approach. IEEE Transactions on Information Forensics and Security, 2019, 14, 954-968.	6.9	18
5	LoPher: SAT-Hardened Logic Embedding on Block Ciphers. , 2020, , .		15
6	Testability Based Metric for Hardware Trojan Vulnerability Assessment. , 2016, , .		10
7	Breaking Redundancy-Based Countermeasures with Random Faults and Power Side Channel. , 2018, , .		10
8	Mutated IWO Optimized 4-D Array for Femtocell Cognitive Radio. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2614-2617.	4.0	7
9	ExplFrame: Exploiting Page Frame Cache for Fault Analysis of Block Ciphers. , 2020, , .		6
10	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
11	An automated framework for exploitable fault identification in block ciphers. Journal of Cryptographic Engineering, 2019, 9, 203-219.	1.8	4
12	Differential Fault Attack on SKINNY Block Cipher. Lecture Notes in Computer Science, 2018, , 177-197.	1.3	3
13	Fault Attack on SKINNY Cipher. Journal of Hardware and Systems Security, 2020, 4, 277-296.	1.3	3
14	Evolution of Fault Attacks on Cryptosystems. , 2021, , 1-7.		2
15	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
16	Exploitable Fault Space Characterization: A Complementary Approach. , 2019, , 59-88.		0