

Elena Dubrova

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Source Training Deep-Learning Side-Channel Attacks. , 2020, , .		15
2	CRC-PUF: A Machine Learning Attack Resistant Lightweight PUF Construction. , 2019, , .		22
3	Message Authentication Based on Cryptographically Secure CRC without Polynomial Irreducibility Test. Cryptography and Communications, 2018, 10, 383-399.	1.4	16
4	Lightweight Message Authentication for Constrained Devices. , 2018, , .		2
5	MVLâ€œPUFs: multipleâ€œvalued logic physical unclonable functions. International Journal of Circuit Theory and Applications, 2017, 45, 292-304.	2.0	15
6	Temperature aware phase/frequency detector-basec RO-PUFs exploiting bulk-controlled oscillators. , 2017, , .		4
7	On Constructing Secure and Hardware-Efficient Invertible Mappings. , 2016, , .		2
8	CRC-Based Message Authentication for 5G Mobile Technology. , 2015, , .		17
9	Evaluation of alternative LBIST flows: A case study. , 2014, , .		1
10	An Algorithm for Constructing a Minimal Register with Non-linear Update Generating a Given Sequence. , 2014, , .		6
11	Synthesis of power- and area-efficient binary machines for incompletely specified sequences. , 2014, , .		1
12	Generation of full cycles by a composition of NLFSRs. Designs, Codes, and Cryptography, 2014, 73, 469-486.	1.6	12
13	Area-efficient high-coverage LBIST. Microprocessors and Microsystems, 2014, 38, 368-374.	2.8	7
14	A BDD-Based Approach to Constructing LFSRs for Parallel CRC Encoding. , 2012, , .		8
15	Ring oscillator physical unclonable function with multi level supply voltages. , 2012, , .		28
16	Synthesis of parallel binary machines. , 2011, , .		16
17	Synthesis of Binary Machines. IEEE Transactions on Information Theory, 2011, 57, 6890-6893.	2.4	14
18	Finding Matching Initial States for Equivalent NLFSRs in the Fibonacci and the Galois Configurations. IEEE Transactions on Information Theory, 2010, 56, 2961-2966.	2.4	27

#	ARTICLE	IF	CITATIONS
19	A Transformation From the Fibonacci to the Galois NLFSRs. IEEE Transactions on Information Theory, 2009, 55, 5263-5271.	2.4	67
20	Compositional properties of random Boolean networks. Physical Review E, 2005, 71, 056116.	2.1	20