Zdenek Martinasek

List of Publications by Year
in descending order

24 papers	210 citations	1163117 8 h-index	1281871 11 g-index
24 all docs	24 docs citations	24 times ranked	126 citing authors

#	Article	IF	Citations
1	Artificial Intelligence-Based Surveillance System for Railway Crossing Traffic. IEEE Sensors Journal, 2021, 21, 15515-15526.	4.7	28
2	Profiling power analysis attack based on MLP in DPA contest V4.2. , 2016, , .		25
3	Profiling Power Analysis Attack Based on Multi-layer Perceptron Network. Lecture Notes in Electrical Engineering, 2015, , 317-339.	0.4	23
4	Optimization of Power Analysis Using Neural Network. Lecture Notes in Computer Science, 2014, , 94-107.	1.3	21
5	Performance Evaluation of Primitives for Privacy-Enhancing Cryptography on Current Smart-Cards and Smart-Phones. Lecture Notes in Computer Science, 2014, , 17-33.	1.3	19
6	k-Nearest Neighbors Algorithm in Profiling Power Analysis Attacks. Radioengineering, 2016, 25, 365-382.	0.6	12
7	General scheme of differential power analysis. , 2013, , .		10
8	Optimization of Power Analysis Using Neural Network. Lecture Notes in Computer Science, 2014, , 94-107.	1.3	10
9	Robust profiled attacks: should the adversary trust the dataset?. IET Information Security, 2017, 11, 188-194.	1.7	9
10	Evaluation of Software-Oriented Block Ciphers on Smartphones. Lecture Notes in Computer Science, 2014, , 353-368.	1.3	8
11	Detection of wireless fake access points. , 2020, , .		7
12	Simple Electromagnetic Analysis in Cryptography. International Journal of Advances in Telecommunications, Electrotechnics, Signals and Systems, 2012, 1, .	0.2	7
13	Power analysis attack based on the MLP in DPA Contest v4. , 2015, , .		6
14	Acoustic attack on keyboard using spectrogram and neural network. , 2015, , .		6
15	Privacy-preserving authentication systems using smart devices. , 2016, , .		6
16	Crucial pitfall of DPA Contest V4.2 implementation. Security and Communication Networks, 2016, 9, 6094-6110.	1.5	4
17	Scalable DDoS Mitigation System for Data Centers. Advances in Electrical and Electronic Engineering, 2015, 13, .	0.3	4
18	The Security Testbed for the Purposes of the ITS-G5 Communication Attacks Prevention. , 2021, , .		2

#	Article	IF	Citations
19	Methodology for correlations discovery in security logs. , 2017, , .		1
20	Packet generators on field programmable gate array platform. , 2017, , .		1
21	Privacy-enhancing Cloud Computing Solution for Big Data. , 2019, , .		1
22	Scalable authentication for integration server. , 2015, , .		0
23	Manager Asks: Which Vulnerability Must be Eliminated First?. Lecture Notes in Computer Science, 2021, , 146-164.	1.3	0
24	Simplified Method for Fast and Efficient Incident Detection in Industrial Networks. , 2020, , .		0