Amparo Fuster-Sabater

List of Publications by Year
in descending order

19 papers	**148** citations
1307594 **7** h-index	1199594 **12** g-index
23 all docs	**23** docs citations
23 times ranked	**64** citing authors

#	Article	IF	Citations
1	An Efficient Algorithm to Compute the Linear Complexity of Binary Sequences. Mathematics, 2022, 10, 794.	2.2	0
2	Computational Analysis of Interleaving PN-Sequences with Different Polynomials. Cryptography, 2022, 6, 21.	2.3	0
3	Review of the Lineal Complexity Calculation through Binomial Decomposition-Based Algorithms. Mathematics, 2021, 9, 478.	2.2	1
4	Interleaving Shifted Versions of a PN-Sequence. Mathematics, 2021, 9, 687.	2.2	3
5	Randomness Analysis for GSS-sequences Concatenated. Advances in Intelligent Systems and Computing, 2021, , 350-360.	0.6	0
6	Recovering Decimation-Based Cryptographic Sequences by Means of Linear CAs. Logic Journal of the IGPL, 2020, 28, 430-448.	1.5	3
7	Folding-BSD Algorithm for Binary Sequence Decomposition. Computers, 2020, 9, 100.	3.3	3
8	Representations of Generalized Self-Shrunken Sequences. Mathematics, 2020, 8, 1006.	2.2	6
9	Linear complexity of generalized sequences by comparison of PN-sequences. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2020, 114, 1.	1.2	8
10	Binomial Representation of Cryptographic Binary Sequences and Its Relation to Cellular Automata. Complexity, 2019, 2019, 1-13.	1.6	15
11	Randomness Analysis for the Generalized Self-Shrinking Sequences. Symmetry, 2019, 11, 1460.	2.2	8
12	Linearity in decimation-based generators: an improved cryptanalysis on the shrinking generator. Open Mathematics, 2018, 16, 646-655.	1.0	8
13	Discrete linear models for the generalized self-shrunken sequences. Finite Fields and Their Applications, 2017, 47, 222-241.	1.0	11
14	Modelling the shrinking generator in terms of linear CA. Advances in Mathematics of Communications, 2016, 10, 797-809.	0.7	15
15	Cryptanalysing the Shrinking Generator. Procedia Computer Science, 2015, 51, 2893-2897.	2.0	6
16	Revision of J3Gen and Validity of the Attacks by Peinado et al.. Sensors, 2015, 15, 11988-11992.	3.8	1
17	EPCGen2 Pseudorandom Number Generators: Analysis of J3Gen. Sensors, 2014, 14, 6500-6515.	3.8	23
18	Improving the Period and Linear Span of the Sequences Generated by DLFSRs. Advances in Intelligent Systems and Computing, 2014, , 397-406.	0.6	6

#	Article	IF	Citations
19	A simple linearization of the self-shrinking generator by means of cellular automata. Neural Networks, 2010, 23, 461-464.	5.9	16