Katalin Gyarmati

List of Publications by Year
in descending order

		1040056	940533
44	343	9	16
papers	citations	h-index	g-index
45	45	45	73
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On a family of pseudorandom binary sequences. Periodica Mathematica Hungarica, 2004, 49, 45-63.	0.9	42
2	On a problem of Diophantus. Acta Arithmetica, 2001, 97, 53-65.	0.4	30
3	Density and ramsey type results on algebraic equations with restricted solution sets. Combinatorica, 2012, 32, 425-449.	1.2	24
4	A superadditivity and submultiplicativity property for cardinalities of sumsets. Combinatorica, 2010, 30, 163-174.	1.2	22
5	Equations in finite fields with restricted solution sets. II (Algebraic equations). Acta Mathematica Hungarica, 2008, 119, 259-280.	0.5	17
6	On shifted products which are powers. Mathematika, 2002, 49, 227-230.	0.5	16
7	On a Pseudorandom Property of Binary Sequences. Ramanujan Journal, 2004, 8, 289-302.	0.7	16
8	On generalizations of a problem of Diophantus. Illinois Journal of Mathematics, 2004, 48, .	0.1	16
9	Equations in finite fields with restricted solution sets. I (Character sums). Acta Mathematica Hungarica, 2008, 118, 129-148.	0.5	15
10	Measures of Pseudorandomness. , 0, , .		11
11	On the complexity of a family related to the Legendre symbol. Periodica Mathematica Hungarica, 2009, 58, 209-215.	0.9	9
12	The cross-correlation measure for families of binary sequences. , 0, , 126-143.		9
13	On powers in shifted products. Glasnik Matematicki, 2007, 42, 273-279.	0.3	9
14	On divisibility properties of integers of the form ab + 1. Periodica Mathematica Hungarica, 2002, 43, 71-79.	0.9	7
15	Shifted products that are coprime pure powers. Journal of Combinatorial Theory - Series A, 2005, 111, 24-36.	0.8	7
16	On linear recursion and pseudorandomness. Acta Arithmetica, 2005, 118, 359-374.	0.4	7
17	Measures of pseudorandomness of families of binary lattices, I (Definitions, a construction using) Tj ETQq1 1 0.784314 rgBT /Overloc	0.2	7
18	Concatenation of pseudorandom binary sequences. Periodica Mathematica Hungarica, 2009, 58, 99-120.	0.9	6

#	Article	IF	Citations
19	Measures of pseudorandomness of finite binary lattices, I. The measures Qk, normality. Acta Arithmetica, 2010, 144, 295-313.	0.4	6
20	Measures of pseudorandomness of families of binary lattices, II (A further construction). Publicationes Mathematicae, 2012, 80, 479-502.	0.2	6
21	On the correlation of binary sequences, II. Discrete Mathematics, 2012, 312, 811-818.	0.7	5
22	On the linear complexity of binary lattices. Ramanujan Journal, 2013, 32, 185-201.	0.7	5
23	On finite pseudorandom binary lattices. Discrete Applied Mathematics, 2017, 216, 589-597.	0.9	5
24	On the correlation of binary sequences. Studia Scientiarum Mathematicarum Hungarica, 2005, 42, 79-93.	0.1	4
25	Sums and differences of finite sets. Functiones Et Approximatio, Commentarii Mathematici, 2007, 37, .	0.3	4
26	Measures of pseudorandomness of finite binary lattices, II. (The symmetry measures). Ramanujan Journal, 2011, 25, 155-178.	0.7	4
27	On the reducibility of large sets of residues modulo p. Journal of Number Theory, 2013, 133, 2374-2397.	0.4	4
28	On linear complexity of binary lattices, II. Ramanujan Journal, 2014, 34, 237-263.	0.7	4
29	Pseudorandom binary sequences and lattices. Acta Arithmetica, 2008, 135, 181-197.	0.4	4
30	A set of squares without arithmetic progressions. Acta Arithmetica, 2012, 155, 109-115.	0.4	4
31	On sums which are powers. Acta Mathematica Hungarica, 2003, 99, 1-24.	0.5	3
32	Pseudorandom sequences constructed by the power generator. Periodica Mathematica Hungarica, 2006, 52, 9-26.	0.9	3
33	On new measures of pseudorandomness of binary lattices. Acta Mathematica Hungarica, 2011, 131, 346-359.	0.5	2
34	On the complexity of a family of Legendre sequences with irreducible polynomials. Finite Fields and Their Applications, 2015, 33, 175-186.	1.0	2
35	On Irregularities of Distribution of Binary Sequences Relative to Arithmetic Progressions, I. (General) Tj ETQq1 1 0.784314 rgBT /Over	0.2	2
36	Elliptic curve analogues of a pseudorandom generator. Periodica Mathematica Hungarica, 2012, 64, 119-130.	0.9	1

#	Article	IF	Citations
37	Double and triple sums modulo a prime. CRM Proceedings & Lecture Notes, 2007, , 271-277.	0.1	1
38	On a fast version of a pseudorandom generator. Electronic Notes in Discrete Mathematics, 2005, 21, 291.	0.4	0
39	On the number of divisors which are values ofÂaÂpolynomial. Ramanujan Journal, 2008, 17, 387-403.	0.7	0
40	Concatenation of Legendre symbol sequences. Studia Scientiarum Mathematicarum Hungarica, 2011, 48, 193-204.	0.1	0
41	ON REDUCIBLE AND PRIMITIVE SUBSETS OF ?P, II. Quarterly Journal of Mathematics, 2015, , hav032.	0.8	0
42	On an inequality between pseudorandom measures of lattices. Discrete Applied Mathematics, 2021, 300, 9-18.	0.9	0
43	On the Cross-Combined Measure of Families of Binary Lattices and Sequences. Lecture Notes in Computer Science, 2018, , 217-238.	1.3	0
44	On Irregularities of Distribution of Binary Sequences Relative to Arithmetic Progressions, II (Constructive Bounds). Uniform Distribution Theory, 2018, 13, 1-21.	0.2	0