Momonari Kudo

List of Publications by Year
in descending order

13 papers	**48** citations	2258059 **3** h-index	1872680 **6** g-index
13 all docs	**13** docs citations	**13** times ranked	**12** citing authors

#	Article	IF	Citations
1	Superspecial curves of genus 4 in small characteristic. Finite Fields and Their Applications, 2017, 45, 131-169.	1.0	13
2	Cryptanalysis of a public key cryptosystem based on Diophantine equations via weighted LLL reduction. Japan Journal of Industrial and Applied Mathematics, 2018, 35, 1123-1152.	0.9	12
3	The existence of supersingular curves of genus 4 in arbitrary characteristic. Research in Number Theory, 2020, 6, 1.	0.4	5
4	Practical Analysis of Key Recovery Attack Against Search-LWE Problem. Lecture Notes in Computer Science, 2016, , 164-181.	1.3	4
5	Analysis of an algorithm to compute the cohomology groups of coherent sheaves and its applications. Japan Journal of Industrial and Applied Mathematics, 2017, 34, 1-40.	0.9	3
6	Automorphism groups of superspecial curves of genus 4 over$F11$. Journal of Pure and Applied Algebra, 2020, 224, 106339.	0.6	3
7	Superspecial Hyperelliptic Curves of Genus 4 over Small Finite Fields. Lecture Notes in Computer Science, 2018, , 58-73.	1.3	3
8	Cryptanalysis of a Public Key Cryptosystem Based on Diophantine Equations via Weighted LLL Reduction (Short Paper). Lecture Notes in Computer Science, 2016, , 305-315.	1.3	3
9	On the existence of superspecial and maximal nonhyperelliptic curves of genera four and five. Communications in Algebra, 2019, 47, 5020-5038.	0.6	2
10	Computing representation matrices for the action of Frobenius on cohomology groups. Journal of Symbolic Computation, 2020, 109, 441-441.	0.8	0
11	Superspecial Trigonal Curves of Genus 5. Experimental Mathematics, 2020, , 1-12.	0.7	0
12	Acceleration of Index Calculus for Solving ECDLP over Prime Fields and Its Limitation. Lecture Notes in Computer Science, 2018, , 377-393.	1.3	0
13	Algebraic approaches for solving isogeny problems of prime power degrees. Journal of Mathematical Cryptology, 2020, 15, 31-44.	0.7	0