Samir Siksek

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6222898/publications.pdf

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49	492	840776 11	752698 20
papers	citations	h-index	g-index

50	50	50	128
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Classical and modular approaches to exponential Diophantine equations II. The Lebesgueâ€“Nagell equation. Compositio Mathematica, 2006, 142, 31-62.	0.8	56
2	Elliptic curves over real quadratic fields are modular. Inventiones Mathematicae, 2015, 201, 159-206.	2.5	52
3	Height difference bounds for elliptic curves over number fields. Journal of Number Theory, 2006, 116, 42-68.	0.4	40
4	Integral points on hyperelliptic curves. Algebra and Number Theory, 2008, 2, 859-885.	0.6	35
5	The asymptotic Fermatâ€™s Last Theorem for five-sixths of real quadratic fields. Compositio Mathematica, 2015, 151, 1395-1415.	0.8	33
6	Fermatâ€™s last theorem over some small real quadratic fields. Algebra and Number Theory, 2015, 9, 875-895.	0.6	25
7	Chabauty for symmetric powers of curves. Algebra and Number Theory, 2009, 3, 209-236.	0.6	17
8	On the asymptotic Fermatâ€™s last theorem over number fields. Commentarii Mathematici Helvetici, 2018, 93, 359-375.	0.7	14
9	On the diophantine equation $x^2 = y^p + 2^k z^p$. Journal De Theorie Des Nombres De Bordeaux, 2003, 15, 839-846.	0.1	14
10	Perfect powers expressible as sums of two cubes. Journal of Algebra, 2009, 322, 638-656.	0.7	13
11	Explicit Chabauty over number fields. Algebra and Number Theory, 2013, 7, 765-793.	0.6	12
12	Elliptic curves over totally real cubic fields are modular. Algebra and Number Theory, 2020, 14, 1791-1800.	0.6	12
13	Almost powers in the Lucas sequence. Journal De Theorie Des Nombres De Bordeaux, 2008, 20, 555-600.	0.1	12
14	Criteria for Irreducibility of mod p Representations of Frey Curves. Journal De Theorie Des Nombres De Bordeaux, 2015, 27, 67-76.	0.1	12
15	ON THE DIOPHANTINE EQUATION x² + C = 2yⁿ. International Journal of Number Theory, 2009, 05, 1117-1128.	0.5	11
16	PERFECT POWERS THAT ARE SUMS OF CONSECUTIVE CUBES. Mathematika, 2017, 63, 230-249.	0.5	11
17	Class field theory, Diophantine analysis and the asymptotic Fermat's Last Theorem. Advances in Mathematics, 2020, 363, 106964.	1.1	11
18	On factorials expressible as sums of at most three Fibonacci numbers. Proceedings of the Edinburgh Mathematical Society, 2010, 53, 747-763.	0.3	10

#	Article	IF	Citations
19	ON A SHIMURA CURVE THAT IS A COUNTEREXAMPLE TO THE HASSE PRINCIPLE. Bulletin of the London Mathematical Society, 2003, 35, 409-414.	0.8	8
20	Odd values of the Ramanujan tau function. Mathematische Annalen, 2022, 382, 203-238.	1.4	8
21	On Fibonacci numbers with few prime divisors. Proceedings of the Japan Academy Series A: Mathematical Sciences, 2005, 81, 17.	0.4	7
22	Perfect powers from products of terms in Lucas sequences. Journal Fur Die Reine Und Angewandte Mathematik, 2007, 2007, .	0.9	7
23	On powers that are sums of consecutive like powers. Research in Number Theory, 2017, 3, 2.	0.4	6
24	Shifted powers in binary recurrence sequences. Mathematical Proceedings of the Cambridge Philosophical Society, 2015, 158, 305-329.	0.4	5
25	Rational points on ErdÅ‘sâ€“Selfridge superellipticÂcurves. Compositio Mathematica, 2016, 152, 2249-2254.	0.8	5
26	The Generalized Fermat Equation. , 2016, , 173-205.		5
27	Descent on Picard groups using functions on curves. Bulletin of the Australian Mathematical Society, 2002, 66, 119-124.	0.5	4
28	Points of non-differentiability of convex functions. Applied Mathematics and Computation, 2004, 148, 725-728.	2.2	4
29	Partial descent on hyperelliptic curves and the generalized Fermat equation x ³ +y ⁴ +z ⁵ =0. Bulletin of the London Mathematical Society, 2012, 44, 151-166.	0.8	4
30	Modular elliptic curves over real abelian fields and the generalized Fermat equation x2â„“+ y2m= zp. Algebra and Number Theory, 2016, 10, 1147-1172.	0.6	4
31	Residual representations of semistable principally polarized abelian varieties. Research in Number Theory, 2016, 2, 1.	0.4	4
32	Shifted powers in Lucasâ€“Lehmer sequences. Research in Number Theory, 2019, 5, 1.	0.4	4
33	On the number of Mordellâ€“Weil generators for cubic surfaces. Journal of Number Theory, 2012, 132, 2610-2629.	0.4	3
34	On asymptotic Fermat over â„“-extensions of â„š. Algebra and Number Theory, 2020, 14, 2571-2574.	0.6	3
35	Local criteria for the unit equation and the asymptotic Fermatâ€™s Last Theorem. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2026449118.	7.1	3
36	Sieving for rational points on hyperelliptic curves. Mathematics of Computation, 2001, 70, 1661-1675.	2.1	2

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37	ON PERFECT POWERS IN LUCAS SEQUENCES. International Journal of Number Theory, 2005, 01, 309-332.	0.5	2
38	The generalised Fermat equation x 2Â+Ây 3Â=Âz 15. Archiv Der Mathematik, 2014, 102, 411-421.	0.5	2
39	On Serreâ€™s uniformity conjecture for semistable elliptic curves over totally real fields. Mathematische Zeitschrift, 2015, 281, 193-199.	0.9	2
40	Every integer greater than 454 is the sum of at most seven positive cubes. Algebra and Number Theory, 2016, 10, 2093-2119.	0.6	2
41	The Modular Approach to Diophantine Equations. Graduate Texts in Mathematics, 2007, , 495-527.	0.5	2
42	The Brauerâ€“Manin obstruction for curves having split Jacobians. Journal De Theorie Des Nombres De Bordeaux, 2004, 16, 773-777.	0.1	2
43	Functions, reciprocity and the obstruction to divisors on curves. Journal of the London Mathematical Society, 2008, 77, 789-807.	1.0	1
44	On the <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	0.4	1
45	A Mordellâ€“Weil theorem for cubic hypersurfaces of high dimension. Algebra and Number Theory, 2017, 11, 1953-1965.	0.6	1
46	Diophantine equations after Fermatâ€™s last theorem. Journal De Theorie Des Nombres De Bordeaux, 2009, 21, 423-434.	0.1	1
47	Squares in arithmetic progression over cubic fields. International Journal of Number Theory, 2016, 12, 1409-1414.	0.5	0
48	Sums of integer cubes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2103697118.	7.1	0
49	On asymptotic Fermat over the â„ 2 -extension ofÂâ„š. Annales Mathematiques Blaise Pascal, 2021, 28, 1-6.	0.1	0