

# Arpad Toth

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

250  
citations

1163117

8  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

92  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Katok-Sarnak formula for higher weights. <i>Journal of Number Theory</i> , 2021, 235, 242-242.	0.4	1
2	A Jensen-Rohrlich type formula for the hyperbolic 3-space. <i>Transactions of the American Mathematical Society</i> , 2019, 371, 6421-6446.	0.9	4
3	Kronecker's first limit formula, revisited. <i>Research in Mathematical Sciences</i> , 2018, 5, 1.	1.0	13
4	Modular cocycles and linking numbers. <i>Duke Mathematical Journal</i> , 2017, 166, .	1.5	7
5	Regularized inner products of modular functions. <i>Ramanujan Journal</i> , 2016, 41, 13-29.	0.7	11
6	Geometric invariants for real quadratic fields. <i>Annals of Mathematics</i> , 2016, 184, 949-990.	4.2	15
7	Estimates on the zeros of $E_2$ . <i>Abhandlungen Aus Dem Mathematischen Seminar Der Universitat Hamburg</i> , 2014, 84, 123-138.	0.2	4
8	Symplectic Kloosterman sums. <i>Studia Scientiarum Mathematicarum Hungarica</i> , 2013, 50, 143-158.	0.1	0
9	Mathematical modelling and computer simulation of Brownian motion and hybridisation of nanoparticle-bioprobe-polymer complexes in the low concentration limit. <i>Molecular Simulation</i> , 2012, 38, 66-71.	2.0	1
10	The distribution and growth of the elementary divisors of the reductions of an elliptic curve over a function field. <i>Journal of Number Theory</i> , 2012, 132, 953-965.	0.4	5
11	Cycle integrals of the j-function and mock modular forms. <i>Annals of Mathematics</i> , 2011, 173, 947-981.	4.2	71
12	3-D Brownian Motion Simulator for High-Sensitivity Nanobiotechnological Applications. <i>IEEE Transactions on Nanobioscience</i> , 2011, 10, 248-249.	3.3	9
13	Rational period functions and cycle integrals. <i>Abhandlungen Aus Dem Mathematischen Seminar Der Universitat Hamburg</i> , 2010, 80, 255-264.	0.2	25
14	Real Quadratic Analogs of Traces of Singular Moduli. <i>International Mathematics Research Notices</i> , 2010, , .	1.0	4
15	Covering locally compact groups by less than $2^{\aleph_0}$ many translates of a compact nullset. <i>Fundamenta Mathematicae</i> , 2007, 193, 243-257.	0.5	8
16	Holomorphic diffeomorphisms of semisimple homogeneous spaces. <i>Compositio Mathematica</i> , 2006, 142, 1308-1326.	0.8	14
17	On the Steinberg module of Chevalley groups. <i>Manuscripta Mathematica</i> , 2005, 116, 277-295.	0.6	1
18	On the evaluation of Salié sums. <i>Proceedings of the American Mathematical Society</i> , 2004, 133, 643-645.	0.8	8

#	ARTICLE	IF	CITATIONS
19	The Splitting of Primes in Division Fields of Elliptic Curves. <i>Experimental Mathematics</i> , 2002, 11, 555-565.	0.7	28
20	Holomorphic diffeomorphisms of complex semisimple Lie groups. <i>Inventiones Mathematicae</i> , 2000, 139, 351-369.	2.5	21