

# Mike Todd

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

810  
citations

623734

14  
h-index

552781

26  
g-index

44  
all docs

44  
docs citations

44  
times ranked

299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Escape of entropy for countable Markov shifts. <i>Advances in Mathematics</i> , 2022, 405, 108507.	1.1	11
2	Asymptotic escape rates and limiting distributions for multimodal maps. <i>Ergodic Theory and Dynamical Systems</i> , 2021, 41, 1656-1705.	0.6	1
3	Pressure Function and Limit Theorems for Almost Anosov Flows. <i>Communications in Mathematical Physics</i> , 2021, 382, 1-47.	2.2	5
4	Upper semi-continuity of entropy in non-compact settings. <i>Mathematical Research Letters</i> , 2020, 27, 1055-1077.	0.5	7
5	The pressure function for infinite equilibrium measures. <i>Israel Journal of Mathematics</i> , 2019, 232, 775-826.	0.8	3
6	Weak convergence to extremal processes and record events for non-uniformly hyperbolic dynamical systems. <i>Ergodic Theory and Dynamical Systems</i> , 2019, 39, 980-1001.	0.6	2
7	Quantifying inhomogeneity in fractal sets. <i>Nonlinearity</i> , 2018, 31, 1313-1330.	1.4	4
8	Hitting and escaping statistics: mixing, targets and holes. <i>Advances in Mathematics</i> , 2018, 328, 1263-1298.	1.1	12
9	Transience and multifractal analysis. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2017, 34, 407-421.	1.4	2
10	Return times at periodic points in random dynamics. <i>Nonlinearity</i> , 2017, 30, 73-89.	1.4	2
11	Equilibrium states, pressure and escape for multimodal maps with holes. <i>Israel Journal of Mathematics</i> , 2017, 221, 367-424.	0.8	6
12	Slow and Fast Escape for Open Intermittent Maps. <i>Communications in Mathematical Physics</i> , 2017, 351, 775-835.	2.2	6
13	Recurrence statistics for the space of interval exchange maps and the Teichmüller flow on the space of translation surfaces. <i>Annales De L'Institut Henri Poincare (B) Probability and Statistics</i> , 2017, 53, .	1.1	3
14	Rare events for the Manneville-Pomeau map. <i>Stochastic Processes and Their Applications</i> , 2016, 126, 3463-3479.	0.9	16
15	Linear Response for Intermittent Maps. <i>Communications in Mathematical Physics</i> , 2016, 347, 857-874.	2.2	31
16	Recurrence and transience for suspension flows. <i>Israel Journal of Mathematics</i> , 2015, 209, 547-592.	0.8	15
17	Speed of convergence for laws of rare events and escape rates. <i>Stochastic Processes and Their Applications</i> , 2015, 125, 1653-1687.	0.9	27
18	Wild attractors and thermodynamic formalism. <i>Monatshefte Fur Mathematik</i> , 2015, 178, 39-83.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Hitting Times and Periodicity in Random Dynamics. Journal of Statistical Physics, 2015, 161, 131-150.	1.2	11
20	The Compound Poisson Limit Ruling Periodic Extreme Behaviour of Non-Uniformly Hyperbolic Dynamics. Communications in Mathematical Physics, 2013, 321, 483-527.	2.2	38
21	Thermodynamic formalism for interval maps: inducing schemes. Dynamical Systems, 2013, 28, 354-380.	0.4	4
22	Transience in dynamical systems. Ergodic Theory and Dynamical Systems, 2013, 33, 1450-1476.	0.6	20
23	Transience and thermodynamic formalism for infinitely branched interval maps. Journal of the London Mathematical Society, 2012, 86, 171-194.	1.0	20
24	The extremal index, hitting time statistics and periodicity. Advances in Mathematics, 2012, 231, 2626-2665.	1.1	66
25	Extreme Value Laws in Dynamical Systems for Non-smooth Observations. Journal of Statistical Physics, 2011, 142, 108-126.	1.2	54
26	Dimension Theory for Multimodal Maps. Annales Henri Poincare, 2011, 12, 591-620.	1.7	14
27	Statistical Properties of the Maximum for Non-Uniformly Hyperbolic Dynamics. Springer Proceedings in Mathematics, 2011, , 365-374.	0.5	0
28	Natural Equilibrium States for Multimodal Maps. Communications in Mathematical Physics, 2010, 300, 65-94.	2.2	29
29	Hitting time statistics and extreme value theory. Probability Theory and Related Fields, 2010, 147, 675-710.	1.8	131
30	Thermodynamic Formalism for Contracting Lorenz Flows. Journal of Statistical Physics, 2010, 139, 159-176.	1.2	12
31	RETURN TIME STATISTICS OF INVARIANT MEASURES FOR INTERVAL MAPS WITH POSITIVE LYAPUNOV EXPONENT. Stochastics and Dynamics, 2009, 09, 81-100.	1.2	16
32	The statistical stability of equilibrium states for interval maps. Nonlinearity, 2009, 22, 259-281.	1.4	18
33	Equilibrium states for interval maps: the potential $-\log  Df $ . Annales Scientifiques De L'Ecole Normale Superieure, 2009, 42, 559-600.	0.8	33
34	Equilibrium States for Interval Maps: Potentials with $\sup \int \log  Df $ and $h_{\text{top}}(f)$ . Communications in Mathematical Physics, 2008, 283, 579-611.	2.2	34
35	Markov extensions and lifting measures for complex polynomials. Ergodic Theory and Dynamical Systems, 2007, 27, 743.	0.6	14
36	Distortion bounds for $C^2$ -unimodal maps. Fundamenta Mathematicae, 2007, 193, 37-77.	0.5	2

#	ARTICLE	IF	CITATIONS
37	Complex maps without invariant densities. <i>Nonlinearity</i> , 2006, 19, 2929-2945.	1.4	5
38	Periods for holomorphic maps via Lefschetz numbers. <i>Abstract and Applied Analysis</i> , 2005, 2005, 575-579.	0.7	0
39	Periods, Lefschetz numbers and entropy for a class of maps on a bouquet of circles. <i>Journal of Difference Equations and Applications</i> , 2005, 11, 1049-1069.	1.1	6
40	Real CkKoebe principle. <i>Fundamenta Mathematicae</i> , 2005, 185, 61-69.	0.5	8