Mike Todd

List of Publications by Year
in descending order

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	Hitting time statistics and extreme value theory. Probability Theory and Related Fields, 2010, 147, 675-710.	1.8	131
2	The extremal index, hitting time statistics and periodicity. Advances in Mathematics, 2012, 231, 2626-2665.	1.1	66
3	Extreme Value Laws in Dynamical Systems forÂNon-smooth Observations. Journal of Statistical Physics, 2011, 142, 108-126.	1.2	54
4	The Compound Poisson Limit Ruling Periodic Extreme Behaviour of Non-Uniformly Hyperbolic Dynamics. Communications in Mathematical Physics, 2013, 321, 483-527.	2.2	38
5	Equilibrium States for Interval Maps: Potentials with sup Ï†Âã˜ÂinfÂÏ†Â< h top (f). Communications in Mathematical Physics, 2008, 283, 579-611.	2.2	34
6	Equilibrium states for interval maps: the potential $-tlog \|Df\|$. Annales Scientifiques De L'Ecole Normale Superieure, 2009, 42, 559-600.	0.8	33
7	Linear Response for Intermittent Maps. Communications in Mathematical Physics, 2016, 347, 857-874.	2.2	31
8	Natural Equilibrium States for Multimodal Maps. Communications in Mathematical Physics, 2010, 300, 65-94.	2.2	29
9	Speed of convergence for laws of rare events and escape rates. Stochastic Processes and Their Applications, 2015, 125, 1653-1687.	0.9	27
10	Transience and thermodynamic formalism for infinitely branched interval maps. Journal of the London Mathematical Society, 2012, 86, 171-194.	1.0	20
11	Transience in dynamical systems. Ergodic Theory and Dynamical Systems, 2013, 33, 1450-1476.	0.6	20
12	The statistical stability of equilibrium states for interval maps. Nonlinearity, 2009, 22, 259-281.	1.4	18
13	RETURN TIME STATISTICS OF INVARIANT MEASURES FOR INTERVAL MAPS WITH POSITIVE LYAPUNOV EXPONENT. Stochastics and Dynamics, 2009, 09, 81-100.	1.2	16
14	Rare events for the Mannevilleâ€“Pomeau map. Stochastic Processes and Their Applications, 2016, 126, 3463-3479.	0.9	16
15	Recurrence and transience for suspension flows. Israel Journal of Mathematics, 2015, 209, 547-592.	0.8	15
16	Markov extensions and lifting measures for complex polynomials. Ergodic Theory and Dynamical Systems, 2007, 27, 743.	0.6	14
17	Dimension Theory for Multimodal Maps. Annales Henri Poincare, 2011, 12, 591-620.	1.7	14
18	Thermodynamic Formalism for Contracting Lorenz Flows. Journal of Statistical Physics, 2010, 139, 159-176.	1.2	12

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19	Hitting and escaping statistics: mixing, targets and holes. Advances in Mathematics, 2018, 328, 1263-1298.	1.1	12
20	Hitting Times and Periodicity in Random Dynamics. Journal of Statistical Physics, 2015, 161, 131-150.	1.2	11
21	Escape of entropy for countable Markov shifts. Advances in Mathematics, 2022, 405, 108507.	1.1	11
22	Wild attractors and thermodynamic formalism. Monatshefte Fur Mathematik, 2015, 178, 39-83.	0.9	8
23	Real CkKoebe principle. Fundamenta Mathematicae, 2005, 185, 61-69.	0.5	8
24	Upper semi-continuity of entropy in non-compact settings. Mathematical Research Letters, 2020, 27, 1055-1077.	0.5	7
25	Periods, Lefschetz numbers and entropy for a class of maps on a bouquet of circles. Journal of Difference Equations and Applications, 2005, 11, 1049-1069.	1.1	6
26	Equilibrium states, pressure and escape for multimodal maps with holes. Israel Journal of Mathematics, 2017, 221, 367-424.	0.8	6
27	Slow and Fast Escape for Open Intermittent Maps. Communications in Mathematical Physics, 2017, 351, 775-835.	2.2	6
28	Complex maps without invariant densities. Nonlinearity, 2006, 19, 2929-2945.	1.4	5
29	Pressure Function and Limit Theorems for Almost Anosov Flows. Communications in Mathematical Physics, 2021, 382, 1-47.	2.2	5
30	Thermodynamic formalism for interval maps: inducing schemes. Dynamical Systems, 2013, 28, 354-380.	0.4	4
31	Quantifying inhomogeneity in fractal sets. Nonlinearity, 2018, 31, 1313-1330.	1.4	4
32	Recurrence statistics for the space of interval exchange maps and the TeichmÃ¼ller flow on the space of translation surfaces. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2017, 53, .	1.1	3
33	The pressure function for infinite equilibrium measures. Israel Journal of Mathematics, 2019, 232, 775-826.	0.8	3
34	Transience and multifractal analysis. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2017, 34, 407-421.	1.4	2
35	Return times at periodic points in random dynamics. Nonlinearity, 2017, 30, 73-89.	1.4	2
36	Weak convergence to extremal processes and record events for non-uniformly hyperbolic dynamical systems. Ergodic Theory and Dynamical Systems, 2019, 39, 980-1001.	0.6	2

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37	Distortion bounds for C2+Î·unimodal maps. Fundamenta Mathematicae, 2007, 193, 37-77.	0.5	2
38	Asymptotic escape rates and limiting distributions for multimodal maps. Ergodic Theory and Dynamical Systems, 2021, 41, 1656-1705.	0.6	1
39	Periods for holomorphic maps via Lefschetz numbers. Abstract and Applied Analysis, 2005, 2005, 575-579.	0.7	0
40	Statistical Properties of the Maximum for Non-Uniformly Hyperbolic Dynamics. Springer Proceedings in Mathematics, 2011, , 365-374.	0.5	0