

# Marc Kessebhmer

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52  
papers

338  
citations

11  
h-index

15  
g-index

58  
ext. papers

375  
ext. citations

0.9  
avg, IF

3.68  
L-index

#	Paper	IF	Citations
52	Thermodynamic formalism for transient dynamics on the real line. <i>Nonlinearity</i> , <b>2022</b> , 35, 1093-1118	1.7	
51	Spectral dimensions of Kreĭneller operators and L-spectra. <i>Advances in Mathematics</i> , <b>2022</b> , 399, 108253	1.3	1
50	Spectral asymptotics of Kreĭneller operators for weak Gibbs measures on self-conformal fractals with overlaps. <i>Advances in Mathematics</i> , <b>2022</b> , 403, 108384	1.3	0
49	Dynamics and topological entropy of 1D Greenberg-Hastings cellular automata. <i>Ergodic Theory and Dynamical Systems</i> , <b>2021</b> , 41, 1397-1430	0.9	1
48	Mean convergence for intermediately trimmed Birkhoff sums of observables with regularly varying tails. <i>Nonlinearity</i> , <b>2020</b> , 33, 5543-5566	1.7	2
47	The Sierpiński gasket as the Martin boundary of a non-isotropic Markov chain. <i>Journal of Fractal Geometry</i> , <b>2020</b> , 7, 113-136	0.4	
46	Intermediately trimmed strong laws for Birkhoff sums on subshifts of finite type. <i>Dynamical Systems</i> , <b>2020</b> , 35, 275-305	0.6	4
45	Limit theorems for counting large continued fraction digits. <i>Lithuanian Mathematical Journal</i> , <b>2020</b> , 60, 189-207	0.5	0
44	Diffraction of Return Time Measures. <i>Journal of Statistical Physics</i> , <b>2019</b> , 174, 519-535	1.5	1
43	Strong laws of large numbers for intermediately trimmed Birkhoff sums of observables with infinite mean. <i>Stochastic Processes and Their Applications</i> , <b>2019</b> , 129, 4163-4207	1.1	3
42	Scaling properties of the thue-morse measure. <i>Discrete and Continuous Dynamical Systems</i> , <b>2019</b> , 39, 4157-4185	2	4
41	A classification of aperiodic order via spectral metrics and Jarník sets. <i>Ergodic Theory and Dynamical Systems</i> , <b>2019</b> , 39, 3031-3065	0.9	1
40	Escape rates for special flows and their higher order asymptotics. <i>Ergodic Theory and Dynamical Systems</i> , <b>2019</b> , 39, 1501-1530	0.9	1
39	Strong Laws of Large Numbers for Intermediately Trimmed Sums of i.i.d. Random Variables with Infinite Mean. <i>Journal of Theoretical Probability</i> , <b>2019</b> , 32, 702-720	0.5	4
38	Regularity of aperiodic minimal subshifts. <i>Bulletin of Mathematical Sciences</i> , <b>2018</b> , 8, 413-434	0.9	
37	The upper and lower quantization coefficient for Markov-type measures. <i>Mathematische Nachrichten</i> , <b>2017</b> , 290, 827-839	0.8	0
36	A complex Ruelle-Perron-Frobenius theorem for infinite Markov shifts with applications to renewal theory. <i>Discrete and Continuous Dynamical Systems - Series S</i> , <b>2017</b> , 10, 335-352	2.8	1

35	On the Convergence to Equilibrium of Unbounded Observables Under a Family of Intermittent Interval Maps. <i>Annales Henri Poincare</i> , <b>2016</b> , 17, 2585-2621	1.2	3
34	On the quantization for self-affine measures on Bedford-McMullen carpets. <i>Mathematische Zeitschrift</i> , <b>2016</b> , 283, 39-58	0.7	6
33	Infinite Ergodic Theory of Numbers <b>2016</b> ,		7
32	A note on measure-geometric Laplacians. <i>Monatshefte Fur Mathematik</i> , <b>2016</b> , 181, 643-655	0.7	6
31	Minkowski content and fractal Euler characteristic for conformal graph directed systems. <i>Journal of Fractal Geometry</i> , <b>2015</b> , 2, 171-227	0.4	9
30	On the asymptotics of the Farey transfer operator. <i>Nonlinearity</i> , <b>2015</b> , 28, 143-166	1.7	3
29	Some Recent Developments in Quantization of Fractal Measures. <i>Progress in Probability</i> , <b>2015</b> , 105-120	0.1	5
28	Induced topological pressure for countable state Markov shifts. <i>Stochastics and Dynamics</i> , <b>2014</b> , 14, 1350086	0.8	16
27	Spectral metric spaces for Gibbs measures. <i>Journal of Functional Analysis</i> , <b>2013</b> , 265, 1801-1828	1.4	3
26	A Fréchet law and an Erdős-Philipp law for maximal cuspidal windings. <i>Ergodic Theory and Dynamical Systems</i> , <b>2013</b> , 33, 1008-1028	0.9	3
25	Fractal curvature measures and Minkowski content for self-conformal subsets of the real line. <i>Advances in Mathematics</i> , <b>2012</b> , 230, 2474-2512	1.3	14
24	Multiresolution Analysis for Markov Interval Maps. <i>Numerical Functional Analysis and Optimization</i> , <b>2012</b> , 33, 791-832	1	
23	Strong renewal theorems and Lyapunov spectra for Farey and both systems. <i>Ergodic Theory and Dynamical Systems</i> , <b>2012</b> , 32, 989-1017	0.9	26
22	A Note on the Algebraic Growth Rate of Poincaré Series for Kleinian Groups. <i>Springer Proceedings in Mathematics</i> , <b>2012</b> , 237-245		1
21	Regularity of multifractal spectra of conformal iterated function systems. <i>Transactions of the American Mathematical Society</i> , <b>2011</b> , 363, 313-313	1	8
20	The arithmetic-geometric scaling spectrum for continued fractions. <i>Arkiv for Matematik</i> , <b>2010</b> , 48, 335-360	0.2	4
19	Wavelets for iterated function systems. <i>Journal of Functional Analysis</i> , <b>2010</b> , 259, 583-601	1.4	19
18	Hölder-differentiability of Gibbs distribution functions. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , <b>2009</b> , 147, 489-503	0.7	9

17	LARGE DEVIATION ASYMPTOTICS FOR CONTINUED FRACTION EXPANSIONS. <i>Stochastics and Dynamics</i> , <b>2008</b> , 08, 103-113	0.8	4
16	A distributional limit law for the continued fraction digit sum. <i>Mathematische Nachrichten</i> , <b>2008</b> , 281, 1294-1306	0.8	7
15	Fractal analysis for sets of non-differentiability of Minkowski's question mark function. <i>Journal of Number Theory</i> , <b>2008</b> , 128, 2663-2686	0.5	23
14	Stability of quantization dimension and quantization for homogeneous Cantor measures. <i>Mathematische Nachrichten</i> , <b>2007</b> , 280, 866-881	0.8	11
13	Homology at infinity; fractal geometry of limiting symbols for modular subgroups. <i>Topology</i> , <b>2007</b> , 46, 469-491		5
12	Lyapunov spectra for KMS states on Cuntz-Krieger algebras. <i>Mathematische Zeitschrift</i> , <b>2007</b> , 256, 871-893		6
11	LIMIT LAWS FOR DISTORTED CRITICAL RETURN TIME PROCESSES IN INFINITE ERGODIC THEORY. <i>Stochastics and Dynamics</i> , <b>2007</b> , 07, 103-121	0.8	8
10	Higher-dimensional multifractal value sets for conformal infinite graph directed Markov systems. <i>Nonlinearity</i> , <b>2007</b> , 20, 1969-1985	1.7	6
9	A multifractal analysis for Stern-Brocot intervals, continued fractions and Diophantine growth rates. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , <b>2007</b> , 2007,	1.2	14
8	Dimension sets for infinite IFSs: the Texan Conjecture. <i>Journal of Number Theory</i> , <b>2006</b> , 116, 230-246	0.5	14
7	STERNBROCOT PRESSURE AND MULTIFRACTAL SPECTRA IN ERGODIC THEORY OF NUMBERS. <i>Stochastics and Dynamics</i> , <b>2004</b> , 04, 77-84	0.8	12
6	A multifractal formalism for growth rates and applications to geometrically finite Kleinian groups. <i>Ergodic Theory and Dynamical Systems</i> , <b>2004</b> , 24, 141-170	0.9	22
5	Quantization Dimension via Quantization Numbers. <i>Real Analysis Exchange</i> , <b>2004</b> , 29, 857	0.8	3
4	Large deviation for weak Gibbs measures and multifractal spectra. <i>Nonlinearity</i> , <b>2001</b> , 14, 395-409	1.7	22
3	Thermodynamic formalism, large deviation, and multifractals <b>2001</b> , 159-169		5
2	Sets of nondifferentiability for conjugacies between expanding interval maps. <i>Fundamenta Mathematicae</i> , <b>206</b> , 161-183	1.1	10
1	A multifractal analysis for cuspidal windings on hyperbolic surfaces. <i>Stochastics and Dynamics</i> , <b>2140007</b>	0.8	1