

# Marco Lenci

## List of Publications by Year in descending order

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papers

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citations

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docs citations

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times ranked

152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Deviations in Quantum Lattice Systems: One-Phase Region. <i>Journal of Statistical Physics</i> , 2005, 119, 715-746.	1.2	38
2	On Infinite-Volume Mixing. <i>Communications in Mathematical Physics</i> , 2010, 298, 485-514.	2.2	29
3	Large deviations for ideal quantum systems. <i>Journal of Mathematical Physics</i> , 2000, 41, 1224-1243.	1.1	25
4	Typicality of recurrence for Lorentz gases. <i>Ergodic Theory and Dynamical Systems</i> , 2006, 26, 799.	0.6	20
5	Measuring logarithmic corrections to normal diffusion in infinite-horizon billiards. <i>Physical Review E</i> , 2014, 90, 022106.	2.1	20
6	Aperiodic Lorentz gas: recurrence and ergodicity. <i>Ergodic Theory and Dynamical Systems</i> , 2003, 23, 869-883.	0.6	19
7	Random Walks in a One-Dimensional $\mathbb{Z}^d$ Random Environment. <i>Journal of Statistical Physics</i> , 2016, 163, 22-40.	1.2	14
8	Recurrence for quenched random Lorentz tubes. <i>Chaos</i> , 2010, 20, 023115.	2.5	13
9	Machta-Zwanzig regime of anomalous diffusion in infinite-horizon billiards. <i>Physical Review E</i> , 2014, 90, 050102.	2.1	12
10	Uniformly expanding Markov maps of the real line: Exactness and infinite mixing. <i>Discrete and Continuous Dynamical Systems</i> , 2017, 37, 3867-3903.	0.9	11
11	Transport properties of $\mathbb{Z}^d$ walks: An analysis in terms of multistate processes. <i>Europhysics Letters</i> , 2014, 108, 50002.	2.0	9
12	Escape orbits for non-compact flat billiards. <i>Chaos</i> , 1996, 6, 428-431.	2.5	8
13	An infinite step billiard. <i>Nonlinearity</i> , 1998, 11, 991-1013.	1.4	8
14	Escape orbits and ergodicity in infinite step billiards. <i>Nonlinearity</i> , 2000, 13, 1275-1292.	1.4	8
15	Semi-Dispersing Billiards with an Infinite Cusp I. <i>Communications in Mathematical Physics</i> , 2002, 230, 133-180.	2.2	8
16	Hyperbolic billiards with nearly flat focusing boundaries, I. <i>Physica D: Nonlinear Phenomena</i> , 2008, 237, 2272-2281.	2.8	8
17	Infinite mixing for one-dimensional maps with an indifferent fixed point. <i>Nonlinearity</i> , 2018, 31, 5180-5213.	1.4	8
18	Characterization of DNA methylation as a function of biological complexity via dinucleotide inter-distances. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150227.	3.4	7

#	ARTICLE	IF	CITATIONS
19	Ergodic properties of the quantum ideal gas in the Maxwell-Boltzmann statistics. Journal of Mathematical Physics, 1996, 37, 5136-5157.	1.1	6
20	RECURRENCE FOR PERSISTENT RANDOM WALKS IN TWO DIMENSIONS. Stochastics and Dynamics, 2007, 07, 53-74.	1.2	6
21	Central limit theorem and recurrence for random walks in bistochastic random environments. Journal of Mathematical Physics, 2008, 49, 125213.	1.1	6
22	Infinite-horizon Lorentz tubes and gases: Recurrence and ergodic properties. Physica D: Nonlinear Phenomena, 2011, 240, 1510-1515.	2.8	6
23	Recurrence and Higher Ergodic Properties for Quenched Random Lorentz Tubes in Dimension Bigger than Two. Journal of Statistical Physics, 2011, 144, 124-138.	1.2	6
24	Semidispersing billiards with an infinite cusp. II. Chaos, 2003, 13, 105-111.	2.5	5
25	Pointwise convergence of Birkhoff averages for global observables. Chaos, 2018, 28, 083111.	2.5	5
26	Continuous-time random walk between $\mathbb{Z}^d$ -spaced targets in the real line. Stochastic Processes and Their Applications, 2020, 130, 708-732.	0.9	5
27	Random walks in random environments without ellipticity. Stochastic Processes and Their Applications, 2013, 123, 1750-1764.	0.9	3
28	Pomeau-Manneville maps are global-local mixing. Discrete and Continuous Dynamical Systems, 2021, 41, 1051-1069.	0.9	3
29	Localization in Infinite Billiards: A Comparison Between Quantum and Classical Ergodicity. Journal of Statistical Physics, 2004, 116, 821-830.	1.2	2
30	Infinite-Volume Mixing for Dynamical Systems Preserving an Infinite Measure. Procedia IUTAM, 2012, 5, 204-219.	1.2	2
31	A simple proof of the exactness of expanding maps of the interval with an indifferent fixed point. Chaos, Solitons and Fractals, 2016, 82, 148-154.	5.1	2
32	Global-local mixing for the Boole map. Chaos, Solitons and Fractals, 2018, 111, 55-61.	5.1	2
33	Limit theorems for $\mathbb{Z}^d$ flights on a 1D $\mathbb{Z}^d$ random medium. Electronic Journal of Probability, 2021, 26, .	1.0	2
34	Global observables for RW: Law of large numbers. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2021, 57, .	1.1	2
35	Large Deviations in Quantum Lattice Systems: One-Phase Region. Journal of Statistical Physics, 2005, , .	1.2	0
36	$\mathbb{Z}^d$ walks on lattices as multi-state processes. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P05012.	2.3	0