Edgardo Ugalde

List of Publications by Year
in descending order

46 papers	394 citations	1039880 9 h-index	887953 17 g-index
50 all docs	50 docs citations	50 times ranked	244 citing authors

#	Article	IF	Citations
1	Gaussian Concentration and Uniqueness of Equilibrium States in Lattice Systems. Journal of Statistical Physics, 2020, 181, 2131-2149.	0.5	4
2	Gaussian concentration bound for potentials satisfying Walters condition with subexponential continuity rates. Nonlinearity, 2020, 33, 1094-1117.	0.6	1
3	Constant-Length Random Substitutions and Gibbs Measures. Journal of Statistical Physics, 2018, 171, 269-287.	0.5	1
4	On the asymptotic properties of piecewise contracting maps. Dynamical Systems, 2016, 31, 107-135.	0.2	8
5	Symbolic complexity for nucleotide sequences: a sign of the genome structure. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 445601.	0.7	5
6	On the growth of directed complex networks with preferential attachment: Effect upon the prohibition of multiple links. International Journal of Modern Physics C, 2015, 26, 1550066.	0.8	2
7	Projective distance and g-measures. Discrete and Continuous Dynamical Systems - Series B, 2015, 20, 3565-3579.	0.5	1
8	Graph entropy as tool for understanding complex urban networks. The case of Ensenada city, Mexico. International Journal of Society Systems Science, 2014, 6, 87.	0.1	2
9	EntropÃa de grafos y su uso para medir la inteligibilidad de la ciudad. Estudios Geograficos, 2014, 75, 479-494.	0.4	1
10	Exact Scaling in the Expansion-Modification System. Journal of Statistical Physics, 2013, 153, 842-863.	0.5	7
11	Structural comparison of biological networks based on dominant vertices. Molecular BioSystems, 2013, 9, 1765.	2.9	2
12	Analysis of a Model for the Morphological Structure of Renal Arterial Tree: Fractal Structure. Journal of Applied Mathematics, 2013, 2013, 1-6.	0.4	4
13	On the finite-dimensional marginals of shift-invariant measures. Ergodic Theory and Dynamical Systems, 2012, 32, 1485-1500.	0.4	13
14	Dynamic modularity in discrete-time models of regulatory networks. Chaos, Solitons and Fractals, 2012, 45, 561-576.	2.5	0
15	Zero-temperature limit of one-dimensional Gibbs states via renormalization: the case of locally constant potentials. Ergodic Theory and Dynamical Systems, 2011, 31, 1109-1161.	0.4	50
16	Diatom-inferred palaeoenvironmental changes of a Pliocene lake disturbed by volcanic activity. Journal of Paleolimnology, 2010, 44, 203-215.	0.8	6
17	Regulatory dynamics of standard two-component systems in bacteria. Journal of Theoretical Biology, 2010, 264, 560-569.	0.8	8
18	Spatial chaos of traveling waves has a given velocity. Physical Review E, 2009, 80, 025203.	0.8	4

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19	Dominant vertices in regulatory networks dynamics. Physica D: Nonlinear Phenomena, 2008, 237, 2685-2695.	1.3	1
20	Regulatory dynamics on random networks: asymptotic periodicity and modularity. Nonlinearity, 2008, 21, 537-556.	0.6	3
21	A Spatially Extended Model for Residential Segregation. Discrete Dynamics in Nature and Society, 2007, 2007, 1-20.	0.5	8
22	Power spectrum crossover in sediments of a paleolake disturbed by volcanism. European Physical Journal: Special Topics, 2007, 143, 217-222.	1.2	3
23	Fractal Dimensions for PoincarÃ© Recurrences. Monograph Series on Nonlinear Science and Complexity, 2006, , i-246.	1.2	10
24	Scaling and extended scaling in sediment registers of a paleolake perturbed by volcanic activity. Physica A: Statistical Mechanics and Its Applications, 2006, 366, 485-494.	1.2	3
25	Dynamical complexity of discrete-time regulatory networks. Nonlinearity, 2006, 19, 237-259.	0.6	22
26	Finite type approximations of Gibbs measures on sofic subshifts. Nonlinearity, 2005, 18, 445-463.	0.6	8
27	Master--slave synchronization of affine cellular automaton pairs. Discrete and Continuous Dynamical Systems, 2005, 13, 491-502.	0.5	1
28	Entropy estimation and fluctuations of hitting and recurrence times for Gibbsian sources. Discrete and Continuous Dynamical Systems - Series B, 2005, 5, 565-586.	0.5	20
29	On the density of directional entropy in lattice dynamical systems. Nonlinearity, 2004, 17, 105-116.	0.6	9
30	An Improved Bound for the Crossing Number of C m C n : a Self?Contained Proof Using Mostly Combinatorial Arguments. Graphs and Combinatorics, 2004, 20, 247-253.	0.2	4
31	Projection of Markov Measures May Be Gibbsian. Journal of Statistical Physics, 2003, 111, 1245-1272.	0.5	50
32	SPECTRA OF DIMENSIONS FOR POINCARÂ´E RECURRENCES FOR SPECIAL FLOWS. Taiwanese Journal of Mathematics, 2002, 6, .	0.2	2
33	Spectrum of dimensions for PoincarÃ© recurrences of Markov maps. Discrete and Continuous Dynamical Systems, 2002, 8, 835-849.	0.5	4
34	Organizational and activational effects of gonadal steroid hormones on the EEG of male and female rats. Developmental Psychobiology, 2000, 37, 194-207.	0.9	8
35	Spectra of dimensions for PoincarÃ© recurrences. Discrete and Continuous Dynamical Systems, 2000, 6, 901-914.	0.5	14
36	An alternative construction of normal numbers. Journal De Theorie Des Nombres De Bordeaux, 2000, 12, 165-177.	0.0	6

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37	A CONSTRUCTIBLE SET OF NORMALS WITH POSITIVE MEASURE. , 2000, , .		0
38	Synchronization of cellular automaton pairs. Chaos, 1998, 8, 814-818.	1.0	20
39	A cryptosystem based on cellular automata. Chaos, 1998, 8, 819-822.	1.0	23
40	Dynamical lecture of statistical turbulence. European Physical Journal Special Topics, 1998, 08, Pr6-157-Pr6-162.	0.2	1
41	Traveling patterns in cellular automata. Chaos, 1996, 6, 493-503.	1.0	6
42	On a discrete dynamical model for local turbulence. Physica D: Nonlinear Phenomena, 1996, 95, 144-157.	1.3	4
43	Self-similarity and finite-time intermittent effects in turbulent sequences. Journal of Physics A, 1996, 29, 4425-4443.	1.6	6
44	Symmetry groups of automata. Physica D: Nonlinear Phenomena, 1994, 70, 178-184.	1.3	4
45	On the preservation of Gibbsianness under symbol amalgamation. , 0, , 72-97.		33
46	An elementary approach to subdiffusion. Stochastics and Dynamics, 0, , 2150045.	0.6	0