

Edgardo Ugalde

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9312566/publications.pdf>

Version: 2024-02-01

46
papers

394
citations

1039406

9
h-index

887659

17
g-index

50
all docs

50
docs citations

50
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Projection of Markov Measures May Be Gibbsian. <i>Journal of Statistical Physics</i> , 2003, 111, 1245-1272.	0.5	50
2	Zero-temperature limit of one-dimensional Gibbs states via renormalization: the case of locally constant potentials. <i>Ergodic Theory and Dynamical Systems</i> , 2011, 31, 1109-1161.	0.4	50
3	On the preservation of Gibbsianness under symbol amalgamation. , 0, , 72-97.		33
4	A cryptosystem based on cellular automata. <i>Chaos</i> , 1998, 8, 819-822.	1.0	23
5	Dynamical complexity of discrete-time regulatory networks. <i>Nonlinearity</i> , 2006, 19, 237-259.	0.6	22
6	Synchronization of cellular automaton pairs. <i>Chaos</i> , 1998, 8, 814-818.	1.0	20
7	Entropy estimation and fluctuations of hitting and recurrence times for Gibbsian sources. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2005, 5, 565-586.	0.5	20
8	Spectra of dimensions for Poincaré recurrences. <i>Discrete and Continuous Dynamical Systems</i> , 2000, 6, 901-914.	0.5	14
9	On the finite-dimensional marginals of shift-invariant measures. <i>Ergodic Theory and Dynamical Systems</i> , 2012, 32, 1485-1500.	0.4	13
10	Fractal Dimensions for Poincaré Recurrences. <i>Monograph Series on Nonlinear Science and Complexity</i> , 2006, , i-246.	1.2	10
11	On the density of directional entropy in lattice dynamical systems. <i>Nonlinearity</i> , 2004, 17, 105-116.	0.6	9
12	Organizational and activational effects of gonadal steroid hormones on the EEG of male and female rats. <i>Developmental Psychobiology</i> , 2000, 37, 194-207.	0.9	8
13	Finite type approximations of Gibbs measures on sofic subshifts. <i>Nonlinearity</i> , 2005, 18, 445-463.	0.6	8
14	A Spatially Extended Model for Residential Segregation. <i>Discrete Dynamics in Nature and Society</i> , 2007, 2007, 1-20.	0.5	8
15	Regulatory dynamics of standard two-component systems in bacteria. <i>Journal of Theoretical Biology</i> , 2010, 264, 560-569.	0.8	8
16	On the asymptotic properties of piecewise contracting maps. <i>Dynamical Systems</i> , 2016, 31, 107-135.	0.2	8
17	Exact Scaling in the Expansion-Modification System. <i>Journal of Statistical Physics</i> , 2013, 153, 842-863.	0.5	7
18	Traveling patterns in cellular automata. <i>Chaos</i> , 1996, 6, 493-503.	1.0	6

#	ARTICLE	IF	CITATIONS
19	Self-similarity and finite-time intermittent effects in turbulent sequences. <i>Journal of Physics A</i> , 1996, 29, 4425-4443.	1.6	6
20	Diatom-inferred palaeoenvironmental changes of a Pliocene lake disturbed by volcanic activity. <i>Journal of Paleolimnology</i> , 2010, 44, 203-215.	0.8	6
21	An alternative construction of normal numbers. <i>Journal De Theorie Des Nombres De Bordeaux</i> , 2000, 12, 165-177.	0.0	6
22	Symbolic complexity for nucleotide sequences: a sign of the genome structure. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 445601.	0.7	5
23	Symmetry groups of automata. <i>Physica D: Nonlinear Phenomena</i> , 1994, 70, 178-184.	1.3	4
24	On a discrete dynamical model for local turbulence. <i>Physica D: Nonlinear Phenomena</i> , 1996, 95, 144-157.	1.3	4
25	An Improved Bound for the Crossing Number of $C_m \times C_n$: a Self-Contained Proof Using Mostly Combinatorial Arguments. <i>Graphs and Combinatorics</i> , 2004, 20, 247-253.	0.2	4
26	Spatial chaos of traveling waves has a given velocity. <i>Physical Review E</i> , 2009, 80, 025203.	0.8	4
27	Analysis of a Model for the Morphological Structure of Renal Arterial Tree: Fractal Structure. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-6.	0.4	4
28	Gaussian Concentration and Uniqueness of Equilibrium States in Lattice Systems. <i>Journal of Statistical Physics</i> , 2020, 181, 2131-2149.	0.5	4
29	Spectrum of dimensions for Poincaré recurrences of Markov maps. <i>Discrete and Continuous Dynamical Systems</i> , 2002, 8, 835-849.	0.5	4
30	Scaling and extended scaling in sediment registers of a paleolake perturbed by volcanic activity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 366, 485-494.	1.2	3
31	Power spectrum crossover in sediments of a paleolake disturbed by volcanism. <i>European Physical Journal: Special Topics</i> , 2007, 143, 217-222.	1.2	3
32	Regulatory dynamics on random networks: asymptotic periodicity and modularity. <i>Nonlinearity</i> , 2008, 21, 537-556.	0.6	3
33	Structural comparison of biological networks based on dominant vertices. <i>Molecular BioSystems</i> , 2013, 9, 1765.	2.9	2
34	Graph entropy as tool for understanding complex urban networks. The case of Ensenada city, Mexico. <i>International Journal of Society Systems Science</i> , 2014, 6, 87.	0.1	2
35	On the growth of directed complex networks with preferential attachment: Effect upon the prohibition of multiple links. <i>International Journal of Modern Physics C</i> , 2015, 26, 1550066.	0.8	2
36	SPECTRA OF DIMENSIONS FOR POINCARÉ RECURRENCES FOR SPECIAL FLOWS. <i>Taiwanese Journal of Mathematics</i> , 2002, 6, .	0.2	2

#	ARTICLE	IF	CITATIONS
37	Dominant vertices in regulatory networks dynamics. <i>Physica D: Nonlinear Phenomena</i> , 2008, 237, 2685-2695.	1.3	1
38	Constant-Length Random Substitutions and Gibbs Measures. <i>Journal of Statistical Physics</i> , 2018, 171, 269-287.	0.5	1
39	Gaussian concentration bound for potentials satisfying Walters condition with subexponential continuity rates. <i>Nonlinearity</i> , 2020, 33, 1094-1117.	0.6	1
40	Dynamical lecture of statistical turbulence. <i>European Physical Journal Special Topics</i> , 1998, 08, Pr6-157-Pr6-162.	0.2	1
41	Master-slave synchronization of affine cellular automaton pairs. <i>Discrete and Continuous Dynamical Systems</i> , 2005, 13, 491-502.	0.5	1
42	Projective distance and g -measures. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2015, 20, 3565-3579.	0.5	1
43	Entropía de grafos y su uso para medir la inteligibilidad de la ciudad. <i>Estudios Geograficos</i> , 2014, 75, 479-494.	0.4	1
44	Dynamic modularity in discrete-time models of regulatory networks. <i>Chaos, Solitons and Fractals</i> , 2012, 45, 561-576.	2.5	0
45	An elementary approach to subdiffusion. <i>Stochastics and Dynamics</i> , 0, , 2150045.	0.6	0
46	A CONSTRUCTIBLE SET OF NORMALS WITH POSITIVE MEASURE. , 2000, , .		0