

Celia Anteneodo

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

2,382
citations

236925

25
h-index

243625

44
g-index

116
all docs

116
docs citations

116
times ranked

1461
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat flux in chains of nonlocally coupled harmonic oscillators: Mean-field limit. <i>Physical Review E</i> , 2022, 105, .	2.1	4
2	Non-Normalizable Quasi-Equilibrium Solution of the Fokker-Planck Equation for Nonconfining Fields. <i>Entropy</i> , 2021, 23, 131.	2.2	4
3	Landscape-induced spatial oscillations in population dynamics. <i>Scientific Reports</i> , 2021, 11, 3470.	3.3	5
4	Analytical results for a minimalist thermal diode. <i>Physical Review E</i> , 2021, 104, 014106.	2.1	5
5	Random diffusivity scenarios behind anomalous non-Gaussian diffusion. <i>Chaos, Solitons and Fractals</i> , 2021, 152, 111422.	5.1	7
6	Interplay between scales in the nonlocal FKPP equation. <i>Chaos, Solitons and Fractals</i> , 2021, 153, 111609.	5.1	7
7	Critical patch size reduction by heterogeneous diffusion. <i>Physical Review E</i> , 2020, 102, 042139.	2.1	12
8	Imperfect bifurcations in opinion dynamics under external fields. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 024002.	2.3	8
9	Pair approximation for the noisy threshold voter model. <i>Physical Review E</i> , 2020, 101, 052131.	2.1	19
10	Regularized Boltzmann-Gibbs statistics for a Brownian particle in a nonconfining field. <i>Physical Review Research</i> , 2020, 2, .	3.6	11
11	Brazilian physicists community diversity, equity, and inclusion: A first diagnostic. <i>Physical Review Physics Education Research</i> , 2020, 16, .	2.9	13
12	Single-species fragmentation: The role of density-dependent feedback. <i>Physical Review E</i> , 2019, 99, 062225.	2.1	4
13	Heat flux direction controlled by power-law oscillators under non-Gaussian fluctuations. <i>Physical Review E</i> , 2019, 100, 032118.	2.1	3
14	World Pendulum Alliance. , 2019, , .		2
15	Impact of rough potentials in rocked ratchet performance. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 495, 114-125.	2.6	7
16	Impact of network randomness on multiple opinion dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 506, 197-207.	2.6	3
17	Nonlinear population dynamics in a bounded habitat. <i>Journal of Theoretical Biology</i> , 2018, 446, 11-18.	1.7	13
18	A física da UFSC em números: evasão e gênero. <i>Caderno Brasileiro De Ensino De Física</i> , 2018, 35, 324-336.	0.1	4

#	ARTICLE	IF	CITATIONS
19	Complete synchronization of chaotic maps under advection. Physical Review E, 2018, 98, .	2.1	1
20	Threshold $\langle m \rangle$ voter model. Physical Review E, 2018, 97, 052106.	2.1	29
21	From synchronous to one-time delayed dynamics in coupled maps. Physical Review E, 2017, 95, 062213.	2.1	1
22	Symmetry breaking by heating in a continuous opinion model. Physical Review E, 2017, 95, 042308.	2.1	19
23	Importance sampling with imperfect cloning for the computation of generalized Lyapunov exponents. Physical Review E, 2017, 96, 062209.	2.1	3
24	Complete synchronization equivalence in asynchronous and delayed coupled maps. Physical Review E, 2016, 93, 052230.	2.1	4
25	Population dynamics in an intermittent refuge. Physical Review E, 2016, 94, 042413.	2.1	3
26	Role of the range of the interactions in thermal conduction. Physical Review E, 2016, 94, 042117.	2.1	26
27	Consequences of nonconformist behaviors in a continuous opinion model. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 023204.	2.3	19
28	Role of the plurality rule in multiple choices. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 023405.	2.3	14
29	Metapopulation dynamics in a complex ecological landscape. Physical Review E, 2015, 92, 022714.	2.1	16
30	How does public opinion become extreme?. Scientific Reports, 2015, 5, 10032.	3.3	70
31	Stylized Facts in Brazilian Vote Distributions. PLoS ONE, 2015, 10, e0137732.	2.5	10
32	Statistical Patterns in Movie Rating Behavior. PLoS ONE, 2015, 10, e0136083.	2.5	2
33	Impact of contrarians and intransigents in a kinetic model of opinion dynamics. Physical Review E, 2014, 89, 013310.	2.1	51
34	Effect of environment fluctuations on pattern formation of single species. Physical Review E, 2014, 90, 012813.	2.1	9
35	Sleep Apnea-Hypopnea Quantification by Cardiovascular Data Analysis. PLoS ONE, 2014, 9, e107581.	2.5	7
36	Bridging stylized facts in finance and data non-stationarities. European Physical Journal B, 2013, 86, 1.	1.5	16

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37	Diminished heart beat non-stationarities in congestive heart failure. <i>Frontiers in Physiology</i> , 2013, 4, 107.	2.8	1
38	Quantification of heart beat nonstationarities by nonparametric segmentation. <i>Biomedizinische Technik</i> , 2013, 58 Suppl 1, .	0.8	0
39	Random degree-degree correlated networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P02024.	2.3	3
40	Generalized Lyapunov exponents of the random harmonic oscillator: Cumulant expansion approach. <i>Physical Review E</i> , 2012, 85, 021124.	2.1	9
41	Intermingled basins in coupled Lorenz systems. <i>Physical Review E</i> , 2012, 85, 036207.	2.1	26
42	Nonlinear diffusion effects on biological population spatial patterns. <i>Physical Review E</i> , 2012, 86, 036215.	2.1	14
43	Role of conviction in nonequilibrium models of opinion formation. <i>Physical Review E</i> , 2012, 86, 061127.	2.1	59
44	Dynamics of heme complexed with human serum albumin: a theoretical approach. <i>European Biophysics Journal</i> , 2012, 41, 1033-1042.	2.2	22
45	Nonlinear dynamics in meso and nano scales: fundamental aspects and applications. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 245-259.	3.4	5
46	Nonparametric segmentation of nonstationary time series. <i>Physical Review E</i> , 2011, 84, 046702.	2.1	11
47	Hydration of hydrophobic biological porphyrins. <i>Journal of Chemical Physics</i> , 2011, 134, 055103.	3.0	12
48	Lyapunov exponent of the random frequency oscillator: cumulant expansion approach. <i>Journal of Physics: Conference Series</i> , 2010, 246, 012002.	0.4	2
49	Poissonian bursts in e-mail correspondence. <i>European Physical Journal B</i> , 2010, 75, 389-394.	1.5	27
50	Solvation of anionic water-soluble porphyrins: A computational study. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 2094-2100.	2.0	5
51	Complex dynamics of life at different scales: from genomic to global environmental issues. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 5561-5568.	3.4	9
52	Short-time dynamics of finite-size mean-field systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P07026.	2.3	9
53	Validation of drift and diffusion coefficients from experimental data. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P04020.	2.3	5
54	Low-sampling-rate Kramers-Moyal coefficients. <i>Physical Review E</i> , 2010, 82, 041122.	2.1	10

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55	XI Latin American Workshop on Nonlinear Phenomena. Journal of Physics: Conference Series, 2010, 246, 011001.	0.4	0
56	Arbitrary-order corrections for finite-time drift and diffusion coefficients. Physical Review E, 2009, 80, 031103.	2.1	16
57	Exact results for the Barabási queuing model. Physical Review E, 2009, 80, 041131.	2.1	12
58	Statistical mixing and aggregation in Feller diffusion. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P10023.	2.3	11
59	Unraveling the fluctuations of animal motor activity. Chaos, 2009, 19, 033123.	2.5	39
60	Stock index dynamics worldwide: a comparative analysis. European Physical Journal B, 2008, 65, 289-294.	1.5	8
61	Measurable inhomogeneities in stock trading volume flow. Europhysics Letters, 2008, 83, 30003.	2.0	7
62	Brownian motors in nonlinear diffusive media. Physical Review E, 2007, 76, 021102.	2.1	7
63	Critical Scaling in Standard Biased Random Walks. Physical Review Letters, 2007, 99, 180602.	7.8	15
64	Statistics of football dynamics. European Physical Journal B, 2007, 57, 357-363.	1.5	29
65	From short to fat tails in financial markets: a unified description. European Physical Journal B, 2007, 60, 385-389.	1.5	6
66	Topological aspects of a long-range model. Physica A: Statistical Mechanics and Its Applications, 2006, 371, 135-138.	2.6	1
67	Synchronization threshold in coupled logistic map lattices. Physica D: Nonlinear Phenomena, 2006, 223, 270-275.	2.8	12
68	Diffusive anomalies in a long-range Hamiltonian system. Physical Review E, 2006, 74, 021118.	2.1	65
69	Long-time behavior of spreading solutions of Schrödinger and diffusion equations. Physical Review E, 2006, 73, 051105.	2.1	9
70	Non-extensive random walks. Physica A: Statistical Mechanics and Its Applications, 2005, 358, 289-298.	2.6	18
71	Relaxation and aging in a long-range interacting system. Europhysics News, 2005, 36, 194-197.	0.3	10
72	Power-law distributions in economics: a nonextensive statistical approach (Invited Paper). , 2005, , .		8

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73	Quasistationary trajectories of the mean-field XY Hamiltonian model: A topological perspective. <i>Physical Review E</i> , 2005, 71, 036148.	2.1	13
74	Additive-multiplicative stochastic models of financial mean-reverting processes. <i>Physical Review E</i> , 2005, 72, 026106.	2.1	27
75	VLASOV ANALYSIS OF RELAXATION AND META-EQUILIBRIUM. , 2005, , .		0
76	Entropy production in the cyclic lattice Lotka-Volterra model. <i>European Physical Journal B</i> , 2004, 42, 271-277.	1.5	5
77	Nonextensive scaling in a long-range Hamiltonian system. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 342, 112-118.	2.6	8
78	Vlasov stability of the Hamiltonian mean field model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 344, 383-392.	2.6	10
79	Chaos synchronization in long-range coupled map lattices. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 326, 227-233.	2.1	26
80	Largest Lyapunov exponent of long-range XY systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 340, 178-186.	2.6	8
81	Statistics of finite-time Lyapunov exponents in the Ulam map. <i>Physical Review E</i> , 2004, 69, 016207.	2.1	15
82	Nonextensive statistical mechanics and economics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 324, 89-100.	2.6	165
83	Enhancement of thermal entanglement in two-qubit XY models. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2003, 5, 73-76.	1.4	25
84	Aging in an infinite-range Hamiltonian system of coupled rotators. <i>Physical Review E</i> , 2003, 67, 031106.	2.1	44
85	Lyapunov exponent of many-particle systems: Testing the stochastic approach. <i>Physical Review E</i> , 2003, 68, 036120.	2.1	7
86	Multiplicative noise: A mechanism leading to nonextensive statistical mechanics. <i>Journal of Mathematical Physics</i> , 2003, 44, 5194-5203.	1.1	88
87	Analytical results for coupled-map lattices with long-range interactions. <i>Physical Review E</i> , 2003, 68, 045202.	2.1	51
88	Theoretical estimates for the largest Lyapunov exponent of many-particle systems. <i>Physical Review E</i> , 2002, 66, 021110.	2.1	18
89	Risk aversion in economic transactions. <i>Europhysics Letters</i> , 2002, 59, 635-641.	2.0	41
90	Molecular Modeling and Dynamics of the Sodium Channel Inactivation Gate. <i>Biophysical Journal</i> , 2002, 82, 1207-1215.	0.5	15

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91	Separable-entangled frontier in a bipartite harmonic system. <i>European Physical Journal B</i> , 2002, 29, 605-611.	1.5	15
92	Long-Scale Evolution of Thin Liquid Films Bounded by a Viscous Phase with Diffusing Charged Surfactants. <i>Journal of Colloid and Interface Science</i> , 2001, 244, 303-312.	9.4	10
93	Scaling laws for the largest Lyapunov exponent in long-range systems: A random matrix approach. <i>Physical Review E</i> , 2001, 65, 016210.	2.1	27
94	Escape time in anomalous diffusive media. <i>Physical Review E</i> , 2001, 63, 051109.	2.1	85
95	Convection cells in thin electrolytic films. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 283, 243-249.	2.6	2
96	Rotators with Long-Range Interactions: Connection with the Mean-Field Approximation. <i>Physical Review Letters</i> , 2000, 84, 208-211.	7.8	137
97	A generalized approach for atomic force microscopy image restoration with bregman distances as tikhonov regularization terms*. <i>Inverse Problems in Science and Engineering</i> , 2000, 8, 457-472.	0.5	15
98	Maximum entropy approach to stretched exponential probability distributions. <i>Journal of Physics A</i> , 1999, 32, 1089-1097.	1.6	73
99	Carboxyl groups at the membrane interface as molecular targets for local anesthetics. <i>Biophysical Chemistry</i> , 1998, 74, 35-43.	2.8	17
100	Breakdown of Exponential Sensitivity to Initial Conditions: Role of the Range of Interactions. <i>Physical Review Letters</i> , 1998, 80, 5313-5316.	7.8	223
101	Thermodynamical fingerprints of fractal spectra. <i>Physical Review E</i> , 1998, 58, 4134-4140.	2.1	23
102	Two-dimensional turbulence in pure-electron plasma: A nonextensive thermostistical description. <i>Journal of Molecular Liquids</i> , 1997, 71, 255-267.	4.9	67
103	A Dynamical Thermostatting Approach to Nonextensive Canonical Ensembles. <i>Annals of Physics</i> , 1997, 255, 250-269.	2.8	38
104	Nonlinear Dynamics of Lipid Films under Electric Forces. <i>Journal of Colloid and Interface Science</i> , 1997, 187, 313-326.	9.4	5
105	Interaction of alkanols and local anesthetics with spin-labeled Ca ²⁺ -ATPase of sarcoplasmic reticulum vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1281, 150-156.	2.6	2
106	Some features of the L ³ pez-Ruiz-Mancini-Calbet (LMC) statistical measure of complexity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1996, 223, 348-354.	2.1	108
107	Prototype for time correlation effects: analytical results. <i>Journal of Physics A</i> , 1996, 29, 6151-6160.	1.6	0
108	Interaction of chlorpromazine with phospholipid membranes. <i>European Biophysics Journal</i> , 1995, 23, 447-52.	2.2	7

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109	Cavity size distribution in lattice liquids. Physical Review E, 1995, 52, 6321-6324.	2.1	0
110	A model for nucleotide sequences. Biophysical Journal, 1995, 69, 1708-1711.	0.5	1
111	Interaction of Dibucaine with the Transmembrane Domain of the Ca ²⁺ -ATPase of Sarcoplasmic Reticulum. Biochemistry, 1994, 33, 12283-12290.	2.5	19