

Cecilia Vernia

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.

32
papers

237
citations

10
h-index

14
g-index

32
ext. papers

248
ext. citations

3.4
avg, IF

2.96
L-index

#	Paper	IF	Citations
32	On a Statistical Mechanics Approach to Some Problems of the Social Sciences. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	1
31	Finite-size corrections for the attractive mean-field monomer-dimer model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019 , 52, 105001	2	
30	Emergence of stationary uphill currents in 2D Ising models: the role of reservoirs and boundary conditions. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 69-91	2.3	0
29	Temperature and correlations in 1-dimensional systems. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 129-142	2.3	6
28	O(N) Fluctuations and Lattice Distortions in 1-Dimensional Systems. <i>Frontiers in Physics</i> , 2019 , 7,	3.9	1
27	Nonequilibrium two-dimensional Ising model with stationary uphill diffusion. <i>Physical Review E</i> , 2018 , 97, 030103	2.4	19
26	Social interaction effects on immigrant integration. <i>Palgrave Communications</i> , 2018 , 4,	5.3	5
25	Inverse problem for the mean-field monomer-dimer model with attractive interaction. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017 , 50, 205002	2	3
24	Inverse problem for multispecies ferromagneticlike mean-field models in phase space with many states. <i>Physical Review E</i> , 2017 , 96, 042135	2.4	4
23	Enhancing participation to health screening campaigns by group interactions. <i>Scientific Reports</i> , 2015 , 5, 9904	4.9	11
22	An analysis of a large dataset on immigrant integration in Spain. The statistical mechanics perspective on social action. <i>Scientific Reports</i> , 2014 , 4, 4174	4.9	29
21	A stochastic approach for quantifying immigrant integration: the Spanish test case. <i>New Journal of Physics</i> , 2014 , 16, 103034	2.9	12
20	A Statistical Mechanics Approach to Immigrant Integration in Emilia Romagna (Italy). <i>Studies in Computational Intelligence</i> , 2014 , 57-62	0.8	
19	Inverse problem robustness for multi-species mean-field spin models. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013 , 46, 065001	2	12
18	Interface Energy in the Edwards-Anderson Model. <i>Journal of Statistical Physics</i> , 2011 , 142, 1-10	1.5	2
17	Structure of correlations in three dimensional spin glasses. <i>Physical Review Letters</i> , 2009 , 103, 017201	7.4	9
16	Lack of monotonicity in spin glass correlation functions. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 385001	2	3

15	Contucci et al. Reply.: <i>Physical Review Letters</i> , 2008 , 100,	7.4	2
14	Sintering and Crystallization of $\text{CaO-Al}_2\text{O}_3\text{-SiO}_2\text{-Bi}_2\text{O}_3$ Glasses Containing Different Amount of Al_2O_3 . <i>Journal of the American Ceramic Society</i> , 2008 , 91, 990-995	3.8	12
13	Temporal asymmetry of fluctuations in the nonequilibrium FPU model. <i>Physica D: Nonlinear Phenomena</i> , 2007 , 228, 64-76	3.3	7
12	Ultrametricity in the Edwards-Anderson model. <i>Physical Review Letters</i> , 2007 , 99, 057206	7.4	30
11	Overlap equivalence in the Edwards-Anderson model. <i>Physical Review Letters</i> , 2006 , 96, 217204	7.4	19
10	Asymmetric fluctuation-relaxation paths in FPU models. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 365, 229-234	3.3	7
9	Interpolating greedy and reluctant algorithms. <i>Optimization Methods and Software</i> , 2005 , 20, 509-514	1.3	1
8	FINDING MINIMA IN COMPLEX LANDSCAPES: ANNEALED, GREEDY AND RELUCTANT ALGORITHMS. <i>Mathematical Models and Methods in Applied Sciences</i> , 2005 , 15, 1349-1369	3.5	2
7	Coexistence of chaotic and non-chaotic states in the two-dimensional Gauss-Navier-Stokes dynamics. <i>Physica D: Nonlinear Phenomena</i> , 2004 , 187, 358-369	3.3	3
6	On quasiperiodic travelling waves in coupled map lattices. <i>Physica D: Nonlinear Phenomena</i> , 2002 , 164, 28-44	3.3	5
5	TORI BREAKDOWN IN COUPLED MAP LATTICES. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2002 , 12, 765-781	2	
4	A few basic structures determine the behavior of a coupled map lattice. <i>Physical Review E</i> , 1998 , 57, 2757-2762	7.4	2
3	On stability of structures and patterns in extended systems. <i>Physica D: Nonlinear Phenomena</i> , 1997 , 103, 412-418	3.3	5
2	Normally attracting manifolds and periodic behavior in one-dimensional and two-dimensional coupled map lattices. <i>Chaos</i> , 1994 , 4, 651-663	3.3	14
1	ON THE PRESENCE OF NORMALLY ATTRACTING MANIFOLDS CONTAINING PERIODIC OR QUASIPERIODIC ORBITS IN COUPLED MAP LATTICES. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 1993 , 03, 1503-1514	2	11