

Cecilia Vernia

List of Publications by Year in descending order

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32
papers

291
citations

840119

11
h-index

940134

16
g-index

32
all docs

32
docs citations

32
times ranked

182
citing authors

#	ARTICLE	IF	CITATIONS
1	On a Statistical Mechanics Approach to Some Problems of the Social Sciences. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	4
2	Finite-size corrections for the attractive mean-field monomer-dimer model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 105001.	0.7	0
3	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.	1.2	3
4	Temperature and correlations in 1-dimensional systems. <i>European Physical Journal: Special Topics</i> , 2019, 228, 129-142.	1.2	8
5	O(N) Fluctuations and Lattice Distortions in 1-Dimensional Systems. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	4
6	Nonequilibrium two-dimensional Ising model with stationary uphill diffusion. <i>Physical Review E</i> , 2018, 97, 030103.	0.8	23
7	Social interaction effects on immigrant integration. <i>Palgrave Communications</i> , 2018, 4, .	4.7	8
8	Inverse problem for the mean-field monomer-dimer model with attractive interaction. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 205002.	0.7	5
9	Inverse problem for multispecies ferromagneticlike mean-field models in phase space with many states. <i>Physical Review E</i> , 2017, 96, 042135.	0.8	5
10	Enhancing participation to health screening campaigns by group interactions. <i>Scientific Reports</i> , 2015, 5, 9904.	1.6	13
11	A stochastic approach for quantifying immigrant integration: the Spanish test case. <i>New Journal of Physics</i> , 2014, 16, 103034.	1.2	13
12	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.	1.6	35
13	A Statistical Mechanics Approach to Immigrant Integration in Emilia Romagna (Italy). <i>Studies in Computational Intelligence</i> , 2014, , 57-62.	0.7	0
14	Inverse problem robustness for multi-species mean-field spin models. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 065001.	0.7	16
15	Interface Energy in the Edwards-Anderson Model. <i>Journal of Statistical Physics</i> , 2011, 142, 1-10.	0.5	4
16	Structure of Correlations in Three Dimensional Spin Glasses. <i>Physical Review Letters</i> , 2009, 103, 017201.	2.9	12
17	Sintering and Crystallization of $\text{CaO-Al}_2\text{O}_3\text{-ZrO}_2\text{-SiO}_2$ Glasses Containing Different Amount of Al_2O_3 . <i>Journal of the American Ceramic Society</i> , 2008, 91, 990-995.	1.9	13
18	Lack of monotonicity in spin glass correlation functions. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 385001.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Contucci et al. Reply. Physical Review Letters, 2008, 100, .	2.9	2
20	Ultrametricity in the Edwards-Anderson Model. Physical Review Letters, 2007, 99, 057206.	2.9	34
21	Temporal asymmetry of fluctuations in the nonequilibrium FPU model. Physica D: Nonlinear Phenomena, 2007, 228, 64-76.	1.3	8
22	Asymmetric fluctuation relaxation paths in FPU models. Physica A: Statistical Mechanics and Its Applications, 2006, 365, 229-234.	1.2	8
23	Overlap Equivalence in the Edwards-Anderson Model. Physical Review Letters, 2006, 96, 217204.	2.9	22
24	Interpolating greedy and reluctant algorithms. Optimization Methods and Software, 2005, 20, 509-514.	1.6	1
25	FINDING MINIMA IN COMPLEX LANDSCAPES: ANNEALED, GREEDY AND RELUCTANT ALGORITHMS. Mathematical Models and Methods in Applied Sciences, 2005, 15, 1349-1369.	1.7	2
26	Coexistence of chaotic and non-chaotic states in the two-dimensional Gauss Navier Stokes dynamics. Physica D: Nonlinear Phenomena, 2004, 187, 358-369.	1.3	4
27	TORI BREAKDOWN IN COUPLED MAP LATTICES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 765-781.	0.7	0
28	On quasiperiodic travelling waves in coupled map lattices. Physica D: Nonlinear Phenomena, 2002, 164, 28-44.	1.3	6
29	A few basic structures determine the behavior of a coupled map lattice. Physical Review E, 1998, 57, 2757-2762.	0.8	2
30	On stability of structures and patterns in extended systems. Physica D: Nonlinear Phenomena, 1997, 103, 412-418.	1.3	5
31	Normally attracting manifolds and periodic behavior in one-dimensional and two-dimensional coupled map lattices. Chaos, 1994, 4, 651-663.	1.0	15
32	ON THE PRESENCE OF NORMALLY ATTRACTING MANIFOLDS CONTAINING PERIODIC OR QUASIPERIODIC ORBITS IN COUPLED MAP LATTICES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1993, 03, 1503-1514.	0.7	11