

Antonio Gordillo-Guerrero

List of Publications by Year in descending order

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30
papers

1,008
citations

394421

19
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature chaos is present in off-equilibrium spin-glass dynamics. <i>Communications Physics</i> , 2021, 4, .	5.3	13
2	Scaling Law Describes the Spin-Glass Response in Theory, Experiments, and Simulations. <i>Physical Review Letters</i> , 2020, 125, 237202.	7.8	12
3	The Mpemba effect in spin glasses is a persistent memory effect. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15350-15355.	7.1	59
4	Aging Rate of Spin Glasses from Simulations Matches Experiments. <i>Physical Review Letters</i> , 2018, 120, 267203.	7.8	29
5	A statics-dynamics equivalence through the fluctuation-dissipation ratio provides a window into the spin-glass phase from nonequilibrium measurements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1838-1843.	7.1	23
6	Matching Microscopic and Macroscopic Responses in Glasses. <i>Physical Review Letters</i> , 2017, 118, 157202.	7.8	31
7	Universal behavior of crystalline membranes: Crumpling transition and Poisson ratio of the flat phase. <i>Physical Review E</i> , 2016, 93, 022111.	2.1	11
8	The three-dimensional Ising spin glass in an external magnetic field: the role of the silent majority. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P05014.	2.3	38
9	Dynamical transition in the D -dimensional Ising spin glass in an external magnetic field. <i>Physical Review E</i> , 2014, 89, 032140.		
10	Janus II: A new generation application-driven computer for spin-system simulations. <i>Computer Physics Communications</i> , 2014, 185, 550-559.	7.5	40
11	Critical parameters of the three-dimensional Ising spin glass. <i>Physical Review B</i> , 2013, 88, .	3.2	82
12	Scaling behavior of the Heisenberg model in three dimensions. <i>Physical Review E</i> , 2013, 88, 062117.	2.1	3
13	Numerical test of the Cardy-Jacobsen conjecture in the site-diluted Potts model in three dimensions. <i>Physical Review B</i> , 2012, 86, .	3.2	10
14	Thermodynamic glass transition in a spin glass without time-reversal symmetry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6452-6456.	7.1	54
15	Reconfigurable computing for Monte Carlo simulations: Results and prospects of the Janus project. <i>European Physical Journal: Special Topics</i> , 2012, 210, 33-51.	2.6	21
16	Sample-to-sample fluctuations of the overlap distributions in the three-dimensional Edwards-Anderson spin glass. <i>Physical Review B</i> , 2011, 84, .	3.2	17
17	Nature of the spin-glass phase at experimental length scales. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P06026.	2.3	70
18	Critical behavior of three-dimensional disordered Potts models with many states. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P05002.	2.3	8

#	ARTICLE	IF	CITATIONS
19	Static versus Dynamic Heterogeneities in the $D=3$ Edwards-Anderson-Ising Spin Glass. Physical Review Letters, 2010, 105, 177202.	7.8	37
20	Spin glass phase in the four-state three-dimensional Potts model. Physical Review B, 2009, 79, .	3.2	14
21	Site-diluted Ising model in four dimensions. Physical Review E, 2009, 80, 031135.	2.1	3
22	Microcanonical finite-size scaling in second-order phase transitions with diverging specific heat. Physical Review E, 2009, 80, 051105.	2.1	7
23	Janus: An FPGA-Based System for High-Performance Scientific Computing. Computing in Science and Engineering, 2009, 11, 48-58.	1.2	75
24	An In-Depth View of the Microscopic Dynamics of Ising Spin Glasses at Fixed Temperature. Journal of Statistical Physics, 2009, 135, 1121-1158.	1.2	83
25	Simulating spin systems on IANUS, an FPGA-based computer. Computer Physics Communications, 2008, 178, 208-216.	7.5	57
26	First-Order Transition in a Three-Dimensional Disordered System. Physical Review Letters, 2008, 100, 057201.	7.8	33
27	Nonequilibrium Spin-Glass Dynamics from Picoseconds to a Tenth of a Second. Physical Review Letters, 2008, 101, 157201.	7.8	77
28	Self-averaging in the three-dimensional site diluted Heisenberg model at the critical point. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P06014-P06014.	2.3	12
29	Interannual variability of cut-off low systems over the European sector: The role of blocking and the Northern Hemisphere circulation modes. Meteorology and Atmospheric Physics, 2007, 96, 85-101.	2.0	34
30	Analysis of the precipitation and cloudiness associated with COLs occurrence in the Iberian Peninsula. Meteorology and Atmospheric Physics, 2007, 96, 103-119.	2.0	25