Francisco Sastre

List of Publications by Year
in descending order

16 papers	**179** citations
1478505 **6** h-index	1125743 **13** g-index
16 all docs	**16** docs citations
16 times ranked	**117** citing authors

#	Article	IF	Citations
1	Helmholtz free-energy high-temperature perturbation expansion for square-well and square-shoulder potentials. Molecular Physics, 2021, 119, e1887527.	1.7	8
2	Critical point determination from probability distribution functions in the three dimensional Ising model. Physica A: Statistical Mechanics and Its Applications, 2021, 572, 125881.	2.6	1
3	Critical temperature determination on a square-well fluid using an adaptation of the microcanonical-ensemble computer simulation method. Molecular Physics, 2020, 118, e1593534.	1.7	4
4	Microcanonical-ensemble computer simulation of the high-temperature expansion coefficients of the Helmholtz free energy of a square-well fluid. Molecular Physics, 2018, 116, 351-360.	1.7	26
5	An alternative order-parameter for non-equilibrium generalized spin models on honeycomb lattices. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 165002.	2.1	0
6	Antiferromagnetic majority voter model on square and honeycomb lattices. Physica A: Statistical Mechanics and Its Applications, 2016, 444, 897-904.	2.6	6
7	Microcanonical ensemble simulation method applied to discrete potential fluids. Physical Review E, 2015, 92, 033303.	2.1	8
8	Discrete perturbation theory for continuous soft-core potential fluids. Journal of Chemical Physics, 2015, 142, 114501.	3.0	10
9	Critical phenomena in the majority voter model on two-dimensional regular lattices. Physical Review E, 2014, 89, 052109.	2.1	15
10	Critical phenomena of the majority voter model in a three-dimensional cubic lattice. Physical Review E, 2012, 86, 041123.	2.1	23
11	Thermodynamic and structural properties of confined discrete-potential fluids. Journal of Chemical Physics, 2006, 125, 204715.	3.0	26
12	Nominal Thermodynamic Temperature in Nonequilibrium Kinetic Ising Models. Physical Review Letters, 2003, 91, 267205.	7.8	37
13	Critical exponents for extended dynamical systems with simultaneous updating: the case of the Ising model. Physica D: Nonlinear Phenomena, 2002, 168-169, 318-324.	2.8	4
14	Stochastic analog to phase transitions in chaotic coupled map lattices. Physical Review E, 2001, 64, 016207.	2.1	5
15	FAILURE OF A MEAN-FIELD APPROACH FOR THE MILLERâ€"HUSE PHASE TRANSITION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2000, 10, 251-256.	1.7	2
16	Phase transitions in lattices of coupled chaotic maps and their dependence on the local Lyapunov exponent. Physical Review E, 1998, 57, 5213-5216.	2.1	4