

Mauricio Mg Girardi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

209
citations

1163117

8
h-index

1058476

14
g-index

24
all docs

24
docs citations

24
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition in three-dimensional micellar systems. <i>Journal of Chemical Physics</i> , 2000, 112, 4833-4835.	3.0	35
2	Liquid polymorphism and density anomaly in a three-dimensional associating lattice gas. <i>Journal of Chemical Physics</i> , 2007, 126, 064503.	3.0	26
3	Diffusion anomaly in a three-dimensional lattice gas. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 386, 692-697.	2.6	22
4	Dynamic transitions in a two dimensional associating lattice gas model. <i>Journal of Chemical Physics</i> , 2009, 130, 184902.	3.0	16
5	Square water in an electric field. <i>Journal of Chemical Physics</i> , 2002, 117, 8926-8932.	3.0	14
6	Dynamic transitions in a three dimensional associating lattice gas model. <i>Journal of Chemical Physics</i> , 2010, 132, 134904.	3.0	14
7	Amphiphilic aggregation in hydrogen bonding liquids: Dynamic and equilibrium properties. <i>Chemical Physics</i> , 2006, 328, 139-146.	1.9	10
8	Spin-1 aggregation model in one dimension. <i>Physical Review E</i> , 2000, 62, 8344-8348.	2.1	9
9	Monte Carlo simulations for amphiphilic aggregation near a water phase transition. <i>Journal of Chemical Physics</i> , 2009, 131, 144901.	3.0	8
10	A trimer model for water. <i>Journal of Chemical Physics</i> , 2004, 120, 5285-5292.	3.0	7
11	Phase diagram of a cyclic predator-prey model with neutral-pair exchange. <i>Physical Review E</i> , 2013, 88, 022133.	2.1	7
12	Micellar aggregation dynamics on a lattice. <i>Chemical Physics</i> , 2005, 316, 117-124.	1.9	6
13	Charge dynamics in a model for grains electrization. <i>Journal of Electrostatics</i> , 2010, 68, 409-414.	1.9	6
14	Micellar dynamics and water's water hydrogen-bonding from temperature-jump Monte Carlo simulations. <i>Chemical Physics Letters</i> , 2012, 550, 83-87.	2.6	6
15	Desenvolvimento de um kit experimental com Arduino para o ensino de Física Moderna no Ensino Médio. <i>Revista Brasileira De Ensino De Fisica</i> , 2017, 39, .	0.2	6
16	Monte Carlo simulations for a model of amphiphiles aggregation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 319, 421-431.	2.6	4
17	Lattice-gas with two- and three-body couplings as a model for amphiphilic aggregation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 324, 621-633.	2.6	4
18	Structure and anomalous solubility for hard spheres in an associating lattice gas model. <i>Journal of Chemical Physics</i> , 2012, 137, 064905.	3.0	3

#	ARTICLE	IF	CITATIONS
19	A Spin Model for Clustering of Amphiphiles in Two Dimensions. <i>Physica Status Solidi A</i> , 2001, 187, 195-201.	1.7	2
20	Monte Carlo simulation of mixed nonionic Brij surfactants in water. <i>Journal of Molecular Modeling</i> , 2014, 20, 2512.	1.8	2
21	The associating lattice gas in the presence of interacting solutes. <i>Journal of Chemical Physics</i> , 2015, 142, 094502.	3.0	2
22	Event-driven simulations of insulating grains in an external electric field. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 4520-4527.	2.6	0
23	Tiling in the geometric model for water. <i>Brazilian Journal of Physics</i> , 2004, 34, 32-37.	1.4	0