

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 | Desenvolvimento de um kit experimental com Arduino para o ensino de Física Moderna no Ensino Médio. Revista Brasileira De Ensino De Fisica, 2017, 39, . | 0.2 | 6 |
| 2 | The associating lattice gas in the presence of interacting solutes. Journal of Chemical Physics, 2015, 142, 094502. | 3.0 | 2 |
| 3 | Monte Carlo simulation of mixed nonionic Brij surfactants in water. Journal of Molecular Modeling, 2014, 20, 2512. | 1.8 | 2 |
| 4 | Phase diagram of a cyclic predator-prey model with neutral-pair exchange. Physical Review E, 2013, 88, 022133. | 2.1 | 7 |
| 5 | Structure and anomalous solubility for hard spheres in an associating lattice gas model. Journal of Chemical Physics, 2012, 137, 064905. | 3.0 | 3 |
| 6 | Micellar dynamics and water-water hydrogen-bonding from temperature-jump Monte Carlo simulations. Chemical Physics Letters, 2012, 550, 83-87. | 2.6 | 6 |
| 7 | Event-driven simulations of insulating grains in an external electric field. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 4520-4527. | 2.6 | 0 |
| 8 | Charge dynamics in a model for grains electrization. Journal of Electrostatics, 2010, 68, 409-414. | 1.9 | 6 |
| 9 | Dynamic transitions in a three dimensional associating lattice gas model. Journal of Chemical Physics, 2010, 132, 134904. | 3.0 | 14 |
| 10 | Dynamic transitions in a two dimensional associating lattice gas model. Journal of Chemical Physics, 2009, 130, 184902. | 3.0 | 16 |
| 11 | Monte Carlo simulations for amphiphilic aggregation near a water phase transition. Journal of Chemical Physics, 2009, 131, 144901. | 3.0 | 8 |
| 12 | Liquid polymorphism and density anomaly in a three-dimensional associating lattice gas. Journal of Chemical Physics, 2007, 126, 064503. | 3.0 | 26 |
| 13 | Diffusion anomaly in a three-dimensional lattice gas. Physica A: Statistical Mechanics and Its Applications, 2007, 386, 692-697. | 2.6 | 22 |
| 14 | Amphiphilic aggregation in hydrogen bonding liquids: Dynamic and equilibrium properties. Chemical Physics, 2006, 328, 139-146. | 1.9 | 10 |
| 15 | Micellar aggregation dynamics on a lattice. Chemical Physics, 2005, 316, 117-124. | 1.9 | 6 |
| 16 | A trimer model for water. Journal of Chemical Physics, 2004, 120, 5285-5292. | 3.0 | 7 |
| 17 | Tiling in the geometric model for water. Brazilian Journal of Physics, 2004, 34, 32-37. | 1.4 | 0 |
| 18 | Monte Carlo simulations for a model of amphiphiles aggregation. Physica A: Statistical Mechanics and Its Applications, 2003, 319, 421-431. | 2.6 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | Square water in an electric field. <i>Journal of Chemical Physics</i> , 2002, 117, 8926-8932. | 3.0 | 14 |
| 21 | A Spin Model for Clustering of Amphiphiles in Two Dimensions. <i>Physica Status Solidi A</i> , 2001, 187, 195-201. | 1.7 | 2 |
| 22 | Spin-1 aggregation model in one dimension. <i>Physical Review E</i> , 2000, 62, 8344-8348. | 2.1 | 9 |
| 23 | Transition in three-dimensional micellar systems. <i>Journal of Chemical Physics</i> , 2000, 112, 4833-4835. | 3.0 | 35 |