Qiliang Yan

List of Publications by Citations

22 papers	1,589 citations	19 h-index	22 g-index
22 ext. papers	1,651 ext. citations	5.2 avg, IF	4.39 L-index

#	Paper	IF	Citations
22	Hyper-parallel tempering Monte Carlo: Application to the Lennard-Jones fluid and the restricted primitive model. *Journal of Chemical Physics*, **1999**, 111, 9509-9516	3.9	286
21	Density-of-states Monte Carlo method for simulation of fluids. *Journal of Chemical Physics*, **2002**, 116, 8745-8749	3.9	152
20	Monte Carlo simulations of diblock copolymer thin films confined between two homogeneous surfaces. *Journal of Chemical Physics*, **2000**, 112, 450-464	3.9	142
19	Fast calculation of the density of states of a fluid by Monte Carlo simulations. *Physical Review Letters*, **2003**, 90, 035701	7.4	133
18	Hyperparallel tempering Monte Carlo simulation of polymeric systems. *Journal of Chemical Physics*, **2000**, 113, 1276-1282	3.9	96
17	Simulation of phase transitions in fluids. *Annual Review of Physical Chemistry*, **1999**, 50, 377-411	15.7	87
16	Potential of mean force between a spherical particle suspended in a nematic liquid crystal and a substrate. *Journal of Chemical Physics*, **2002**, 117, 7781-7787	3.9	80
15	Multicanonical parallel tempering. *Journal of Chemical Physics*, **2002**, 116, 5419-5423	3.9	80
14	Phase equilibria of charge-, size-, and shape-asymmetric model electrolytes. *Physical Review Letters*, **2002**, 88, 095504	7.4	60
13	Molecular simulation of the reversible mechanical unfolding of proteins. *Journal of Chemical Physics* , **2004**, 120, 5781-8	3.9	58
12	Monte Carlo Simulations of Diblock Copolymer Thin Films Confined between Chemically Heterogeneous Hard Surfaces. *Macromolecules*, **2000**, 33, 4512-4525	5.5	54
11	Phase equilibria of size-asymmetric primitive model electrolytes. *Physical Review Letters*, **2001**, 86, 2054-7	7.4	54
10	Monte Carlo simulation of a coarse-grained model of polyelectrolyte networks. *Physical Review Letters*, **2003**, 91, 018301	7.4	51
9	Density-of-states Monte Carlo simulation of a binary glass. *Physical Review Letters*, **2004**, 92, 235701	7.4	48
8	Simulation of Phase Equilibria for Lattice Polymers. *Macromolecules*, **1996**, 29, 4066-4071	5.5	47
7	Phase equilibria and clustering in size-asymmetric primitive model electrolytes. *Journal of Chemical Physics*, **2001**, 114, 1727-1731	3.9	42
6	A molecular thermodynamic model for binary lattice polymer solutions. *Polymer*, **2006**, 47, 5187-5195	3.9	36

5	Critical behavior of lattice polymers studied by Monte Carlo simulations. *Journal of Chemical Physics* , **2000**, 113, 5954-5957	3.9	30
4	DFT Calculations and Monte Carlo Simulations of the Co-Adsorption of Hydrogen Atoms and Ethylidyne Species on Pt(111). *Journal of Physical Chemistry B*, **2001**, 105, 8550-8562	3.4	21
3	Effects of charge, size, and shape-asymmetry on the phase behavior of model electrolytes. *Journal of Chemical Physics*, **2002**, 116, 2967-2972	3.9	18
2	Monte Carlo Simulations of Liquid□liquid Equilibria for Ternary Chain Molecule Systems on a Lattice. *Macromolecules*, **1997**, 30, 8459-8462	5.5	13
1	Hyperparallel tempering Monte Carlo and its applications. *Advances in Chemical Engineering*, **2001**, 28, 1-20	0.6	1