

Wolfhard Janke

List of Publications by Year in descending order

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286
papers

5,707
citations

61857

43
h-index

123241

61
g-index

288
all docs

288
docs citations

288
times ranked

2277
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of alignment activity on the collapse kinetics of a flexible polymer. <i>Soft Matter</i> , 2022, 18, 1978-1990.	1.2	8
2	Porous material adsorbents ZIF-8, ZIF-67, Co/Zn-ZIF and MIL-127(Fe) for separation of H ₂ S from a H ₂ S/CH ₄ mixture. <i>Molecular Simulation</i> , 2022, 48, 417-426.	0.9	3
3	Role of temperature and alignment activity on kinetics of coil-globule transition of a flexible polymer. <i>Journal of Physics: Conference Series</i> , 2022, 2207, 012027.	0.3	2
4	Resampling schemes in population annealing – numerical results. <i>Journal of Physics: Conference Series</i> , 2022, 2207, 012012.	0.3	1
5	Simulating Met-Enkephalin With Population Annealing Molecular Dynamics. <i>Journal of Physics: Conference Series</i> , 2022, 2241, 012006.	0.3	3
6	Fast simulation of a large polymer with untruncated interaction near the collapse transition. <i>Journal of Physics: Conference Series</i> , 2022, 2241, 012005.	0.3	1
7	Critical exponents of the Ising model in three dimensions with long-range power-law correlated site disorder: A Monte Carlo study. <i>Physical Review B</i> , 2022, 105, .	1.1	3
8	Understanding population annealing Monte Carlo simulations. <i>Physical Review E</i> , 2021, 103, 053301.	0.8	12
9	Zero-temperature coarsening in the two-dimensional long-range Ising model. <i>Physical Review E</i> , 2021, 103, 052122.	0.8	7
10	Adsorption and the Chemical Reaction N ₂ O ₄ → 2NO ₂ in the Presence of N ₂ in a Gas Phase Connected with a Carbon Nanotube. <i>ACS Omega</i> , 2021, 6, 17342-17352.	1.6	6
11	Knots are Generic Stable Phases in Semiflexible Polymers. <i>Macromolecules</i> , 2021, 54, 5321-5334.	2.2	8
12	Motion of a polymer globule with Vicsek-like activity: from super-diffusive to ballistic behavior. <i>Soft Materials</i> , 2021, 19, 306-315.	0.8	7
13	Wang-Landau simulations with non-flat distributions. <i>Computer Physics Communications</i> , 2021, 267, 108071.	3.0	2
14	Universal finite-size scaling function for coarsening in the Potts model with conserved dynamics. <i>Journal of Physics: Conference Series</i> , 2021, 2122, 012009.	0.3	1
15	Critical exponent $\nu^{-1/2}$ of the Ising model in three dimensions with long-range correlated site disorder analyzed with Monte Carlo techniques. <i>Physical Review B</i> , 2020, 102, .	1.1	4
16	Aging in the Long-Range Ising Model. <i>Physical Review Letters</i> , 2020, 125, 180601.	2.9	19
17	Nonflat histogram techniques for spin glasses. <i>Physical Review E</i> , 2020, 102, 053303.	0.8	2
18	Massively parallel simulations for disordered systems. <i>European Physical Journal B</i> , 2020, 93, 1.	0.6	2

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19	Accelerating polymer simulation by means of tree data-structures and a parsimonious Metropolis algorithm. <i>Computer Physics Communications</i> , 2020, 256, 107414.	3.0	9
20	Counting metastable states of Ising spin glasses on hypercubic lattices. <i>European Physical Journal B</i> , 2020, 93, 1.	0.6	2
21	Combined Adsorption and Reaction in the Ternary Mixture N_2 , N_2O_4 , NO_2 on MIL-127 Examined by Computer Simulations. <i>ACS Omega</i> , 2020, 5, 13023-13033.	1.6	6
22	Understanding nonequilibrium scaling laws governing collapse of a polymer. <i>European Physical Journal B</i> , 2020, 93, 1.	0.6	8
23	Coarsening in the long-range Ising model: Metropolis versus Glauber criterion. <i>Journal of Physics: Conference Series</i> , 2019, 1163, 012002.	0.3	5
24	Distribution of metastable states of spin glasses. <i>Journal of Physics: Conference Series</i> , 2019, 1252, 012001.	0.3	1
25	Dissipative Dynamics of a Single Polymer in Solution: A Lowe-Andersen Approach. <i>Journal of Physics: Conference Series</i> , 2019, 1163, 012072.	0.3	3
26	Population annealing molecular dynamics with adaptive temperature steps. <i>Journal of Physics: Conference Series</i> , 2019, 1163, 012074.	0.3	4
27	Pearl-Necklace-Like Local Ordering Drives Polypeptide Collapse. <i>Macromolecules</i> , 2019, 52, 5491-5498.	2.2	10
28	Accelerating Molecular Dynamics Simulations with Population Annealing. <i>Physical Review Letters</i> , 2019, 122, 060602.	2.9	10
29	Acceptance rate is a thermodynamic function in local Monte Carlo algorithms. <i>Physical Review E</i> , 2019, 100, 063303.	0.8	3
30	Population Annealing and Large Scale Simulations in Statistical Mechanics. <i>Communications in Computer and Information Science</i> , 2019, , 354-366.	0.4	1
31	Phase ordering kinetics of the long-range Ising model. <i>Physical Review E</i> , 2019, 99, 011301.	0.8	27
32	Efficiencies of joint non-local update moves in Monte Carlo simulations of coarse-grained polymers. <i>Computer Physics Communications</i> , 2018, 224, 222-229.	3.0	3
33	From particle condensation to polymer aggregation. <i>Journal of Physics: Conference Series</i> , 2018, 955, 012003.	0.3	1
34	Massively parallel multicanonical simulations. <i>Computer Physics Communications</i> , 2018, 224, 387-395.	3.0	14
35	Scaling laws during collapse of a homopolymer: Lattice versus off-lattice. <i>Journal of Physics: Conference Series</i> , 2018, 955, 012008.	0.3	4
36	Two-dimensional Monte Carlo simulations of coarse-grained poly(3-hexylthiophene) (P3HT) adsorbed on striped substrates. <i>Journal of Chemical Physics</i> , 2018, 149, 144903.	1.2	3

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37	Finite-size scaling of Monte Carlo simulations for the fcc Ising antiferromagnet: Effects of the low-temperature phase degeneracy. <i>Physical Review B</i> , 2018, 98, .	1.1	4
38	Universal finite-size scaling function for kinetics of phase separation in mixtures with varying number of components. <i>Physical Review E</i> , 2018, 98, .	0.8	13
39	Distribution of metastable states of Ising spin glasses. <i>Physical Review B</i> , 2018, 97, .	1.1	4
40	Approximate ground states of the random-field Potts model from graph cuts. <i>Physical Review E</i> , 2018, 97, 053307.	0.8	5
41	Generalized Ensemble Computer Simulations of Macromolecules. , 2018, , 173-225.		1
42	The droplet formation-dissolution transition in different ensembles: Finite-size scaling from two perspectives. , 2018, 5, .		0
43	Exact solutions to plaquette Ising models with free and periodic boundaries. <i>Nuclear Physics B</i> , 2017, 914, 388-404.	0.9	6
44	Kinetics of polymer collapse: effect of temperature on cluster growth and aging. <i>Soft Matter</i> , 2017, 13, 1276-1290.	1.2	37
45	Canonical free-energy barrier of particle and polymer cluster formation. <i>Nature Communications</i> , 2017, 8, 14546.	5.8	31
46	Convergence of Stochastic Approximation Monte Carlo and modified Wangâ€“Landau algorithms: Tests for the Ising model. <i>Computer Physics Communications</i> , 2017, 216, 1-7.	3.0	9
47	Single-chain behavior of poly(3-hexylthiophene). <i>European Physical Journal: Special Topics</i> , 2017, 226, 667-681.	1.2	2
48	Exact enumeration of self-avoiding walks on critical percolation clusters in 2â€“7 dimensions. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 264002.	0.7	2
49	Interplay of Adsorption and Semiflexibility: Structural Behavior of Grafted Polymers under Poor Solvent Conditions. <i>Macromolecules</i> , 2017, 50, 4054-4063.	2.2	12
50	Scaling and universality in the phase diagram of the 2D Blume-Capel model. <i>European Physical Journal: Special Topics</i> , 2017, 226, 789-804.	1.2	32
51	Ice Nucleation in Periodic Arrays of Spherical Nanocages. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23788-23792.	1.5	10
52	Dynamic greedy algorithms for the Edwardsâ€“Anderson model. <i>Computer Physics Communications</i> , 2017, 220, 74-80.	3.0	4
53	Coarsening and aging of lattice polymers: Influence of bond fluctuations. <i>Journal of Chemical Physics</i> , 2017, 147, 094902.	1.2	21
54	GPU accelerated population annealing algorithm. <i>Computer Physics Communications</i> , 2017, 220, 341-350.	3.0	36

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55	Effect of grafting on the binding transition of two flexible polymers. European Physical Journal: Special Topics, 2017, 226, 683-692.	1.2	3
56	Plaquette Ising models, degeneracy and scaling. European Physical Journal: Special Topics, 2017, 226, 749-764.	1.2	22
57	Exploring first-order phase transitions with population annealing. European Physical Journal: Special Topics, 2017, 226, 595-604.	1.2	12
58	Transition barrier at a first-order phase transition in the canonical and microcanonical ensemble. Journal of Physics: Conference Series, 2017, 921, 012018.	0.3	3
59	Percolation thresholds and fractal dimensions for square and cubic lattices with long-range correlated defects. Physical Review E, 2017, 96, 062125.	0.8	29
60	Polymer adsorption on curved surfaces. Physical Review E, 2017, 96, 062504.	0.8	10
61	Population annealing: Massively parallel simulations in statistical physics. Journal of Physics: Conference Series, 2017, 921, 012017.	0.3	5
62	Dilute Semiflexible Polymers with Attraction: Collapse, Folding and Aggregation. Polymers, 2016, 8, 333.	2.0	33
63	Aging and related scaling during the collapse of a polymer. Journal of Physics: Conference Series, 2016, 750, 012020.	0.3	4
64	Emergence of dynamic phases in the presence of different kinds of open boundaries in stochastic transport with short-range interactions. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 013207.	0.9	1
65	First-order phase transitions in the real microcanonical ensemble. Physical Review E, 2016, 94, 021301.	0.8	22
66	Periodically driven DNA: Theory and simulation. Physical Review E, 2016, 93, 010402.	0.8	9
67	Evidence of aging and dynamic scaling in the collapse of a polymer. Physical Review E, 2016, 93, 032506.	0.8	10
68	Dynamics of condensate formation in stochastic transport with pair-factorized steady states: Nucleation and coarsening time scales. Physical Review E, 2016, 93, 052112.	0.8	1
69	Knots as a Topological Order Parameter for Semiflexible Polymers. Physical Review Letters, 2016, 116, 128301.	2.9	33
70	Stable knots in the phase diagram of semiflexible polymers: A topological order parameter?. Journal of Physics: Conference Series, 2016, 750, 012006.	0.3	2
71	Numerical test of finite-size scaling predictions for the droplet condensation-evaporation transition. Journal of Physics: Conference Series, 2016, 759, 012009.	0.3	2
72	Thermodynamics and structure of macromolecules from flat-histogram Monte Carlo simulations. Soft Matter, 2016, 12, 642-657.	1.2	53

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73	Finite-size scaling of Lennard-Jones droplet formation at fixed density. Journal of Physics: Conference Series, 2016, 750, 012017.	0.3	2
74	Exploring different regimes in finite-size scaling of the droplet condensation-evaporation transition. Physical Review E, 2015, 92, 012134.	0.8	19
75	Boundary-driveâ€‘induced formation of aggregate condensates in stochastic transport with short-range interactions. Europhysics Letters, 2015, 111, 30001.	0.7	2
76	Molecular Dynamics and Monte Carlo simulations in the microcanonical ensemble: Quantitative comparison and reweighting techniques. Journal of Chemical Physics, 2015, 143, 134114.	1.2	11
77	A simple non-equilibrium, statistical-physics toy model of thin-film growth. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P09013.	0.9	1
78	Computer Simulation Studies of Polymer Adsorption and Aggregation â€‘ From Flexible to Stiff. Physics Procedia, 2015, 68, 69-79.	1.2	2
79	Probing the Effect of Density on the Aggregation Temperature of Semi-flexible Polymers in Spherical Confinement. Physics Procedia, 2015, 68, 95-99.	1.2	7
80	Macroscopic degeneracy and order in the 3D plaquette Ising model. Modern Physics Letters B, 2015, 29, 1550109.	1.0	2
81	From amorphous aggregates to polymer bundles: The role of stiffness on structural phases in polymer aggregation. Europhysics Letters, 2015, 109, 28002.	0.7	37
82	Planar ordering in the plaquette-only gonihedric Ising model. Nuclear Physics B, 2015, 894, 1-14.	0.9	6
83	Cluster coarsening during polymer collapse: Finite-size scaling analysis. Europhysics Letters, 2015, 110, 58001.	0.7	21
84	Parallel multicanonical study of the three-dimensional Blume-Capel model. Physical Review E, 2015, 91, 032126.	0.8	25
85	Finite-size scaling and latent heat at the gonihedric first-order phase transition. Journal of Physics: Conference Series, 2015, 640, 012002.	0.3	2
86	First-order directional ordering transition in the three-dimensional compass model. Physical Review B, 2015, 91, .	1.1	5
87	Transmuted Finite-size Scaling at First-order Phase Transitions. Physics Procedia, 2014, 57, 68-72.	1.2	6
88	Asymptotic Scaling Behavior of Self-Avoiding Walks on Critical Percolation Clusters. Physical Review Letters, 2014, 113, 255701.	2.9	8
89	Multicanonical analysis of the plaquette-only gonihedric Ising model and its dual. Nuclear Physics B, 2014, 888, 214-235.	0.9	9
90	Nonstandard Finite-Size Scaling at First-Order Phase Transitions. Physical Review Letters, 2014, 112, .	2.9	28

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91	Adsorption and Pattern Recognition of Polymers at Complex Surfaces with Attractive Stripelike Motifs. <i>Physical Review Letters</i> , 2014, 112, 148303.	2.9	22
92	Numerical survey of the tunable condensate shape and scaling laws in pair-factorized steady states. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 125001.	0.7	7
93	Aggregation of theta-polymers in spherical confinement. <i>Journal of Chemical Physics</i> , 2014, 141, 114908.	1.2	24
94	Conformational transitions in random heteropolymer models. <i>Journal of Chemical Physics</i> , 2014, 140, 034904.	1.2	1
95	Scaling Properties of Parallelized Multicanonical Simulations. <i>Physics Procedia</i> , 2014, 53, 55-59.	1.2	12
96	Application of the parallel multicanonical method to lattice gas condensation. <i>Journal of Physics: Conference Series</i> , 2014, 510, 012017.	0.3	8
97	Effect of Bending Stiffness on a Homopolymer Inside a Spherical Cage. <i>Physics Procedia</i> , 2014, 57, 53-57.	1.2	7
98	Open Boundary Conditions in Stochastic Transport Processes with Pair-factorized Steady States. <i>Physics Procedia</i> , 2014, 57, 77-81.	1.2	3
99	Self-avoiding walks on strongly diluted lattices: Chain-growth simulations vs. exact enumeration. <i>European Physical Journal: Special Topics</i> , 2013, 216, 175-179.	1.2	3
100	Polymer-attractive spherical cage system. <i>European Physical Journal: Special Topics</i> , 2013, 216, 181-190.	1.2	4
101	Application of simulated tempering and magnetizing to a two-dimensional Potts model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P02039.	0.9	4
102	Scaling properties of a parallel implementation of the multicanonical algorithm. <i>Computer Physics Communications</i> , 2013, 184, 1155-1160.	3.0	50
103	Caveats in modeling a common motif in genetic circuits. <i>Physical Review E</i> , 2013, 87, 062706.	0.8	3
104	Gyration tensor based analysis of the shapes of polymer chains in an attractive spherical cage. <i>Journal of Chemical Physics</i> , 2013, 138, 054904.	1.2	95
105	Influence of lattice disorder on the structure of persistent polymer chains. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012, 45, 475002.	0.7	4
106	Scale-free enumeration of self-avoiding walks on critical percolation clusters. <i>Europhysics Letters</i> , 2012, 99, 56005.	0.7	5
107	Structural behavior of a polymer chain inside an attractive sphere. <i>Physical Review E</i> , 2012, 85, 051802.	0.8	16
108	Monte Carlo Simulations in Statistical Physics – From Basic Principles to Advanced Applications. , 2012, , 93-166.		9

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109	Exact Enumeration of Self-Avoiding Walks on Percolation Clusters. <i>Physics Procedia</i> , 2012, 34, 39-43.	1.2	1
110	Conformational Properties of Polymers Near a Fractal Surface. <i>Physics Procedia</i> , 2012, 34, 55-59.	1.2	1
111	Polymer adsorption on a fractal substrate: Numerical study. <i>Journal of Chemical Physics</i> , 2012, 136, 104907.	1.2	10
112	Ground-State Properties of a Polymer Chain in an Attractive Sphere. <i>Journal of Physical Chemistry B</i> , 2012, 116, 10379-10386.	1.2	13
113	Comparison of the Adsorption Transition for Grafted and Nongrafted Polymers. <i>Macromolecules</i> , 2011, 44, 9013-9019.	2.2	42
114	Parallel-tempering cluster algorithm for computer simulations of critical phenomena. <i>Physical Review E</i> , 2011, 84, 036701.	0.8	10
115	A GPU approach to parallel replica-exchange polymer simulations. <i>Physics Procedia</i> , 2011, 15, 29-32.	1.2	4
116	Worms exploring geometrical features of phase transitions. <i>Physics Procedia</i> , 2011, 15, 54-58.	1.2	0
117	Hierarchies in nucleation transitions. <i>Computer Physics Communications</i> , 2011, 182, 1937-1940.	3.0	12
118	Adsorption of finite polymers in different thermodynamic ensembles. <i>Computer Physics Communications</i> , 2011, 182, 1961-1965.	3.0	6
119	$\hat{\Gamma}$ -polymers in crowded media under stretching force. <i>Computer Physics Communications</i> , 2011, 182, 1966-1969.	3.0	1
120	Massively parallelized replica-exchange simulations of polymers on GPUs. <i>Computer Physics Communications</i> , 2011, 182, 1638-1644.	3.0	15
121	Advanced multicanonical Monte Carlo methods for efficient simulations of nucleation processes of polymers. <i>Journal of Computational Physics</i> , 2011, 230, 4454-4465.	1.9	38
122	Simulating flexible polymers in a potential of randomly distributed hard disks. <i>Physical Review E</i> , 2011, 84, 051805.	0.8	9
123	Thermodynamics of polymer adsorption to a flexible membrane. <i>Physical Review E</i> , 2011, 84, 031803.	0.8	16
124	Microscopic Mechanism of Specific Peptide Adhesion to Semiconductor Substrates. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9530-9533.	7.2	47
125	Wang's Landau multibondic cluster approach to simulations of second-order transitions. <i>Physics Procedia</i> , 2010, 7, 19-28.	1.2	2
126	Universality of the evaporation/condensation transition. <i>Physics Procedia</i> , 2010, 7, 52-62.	1.2	3

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127	Fractals meet fractals: self-avoiding random walks on percolation clusters. <i>Physics Procedia</i> , 2010, 3, 1431-1435.	1.2	7
128	Re-examining the directional-ordering transition in the compass model with screw-periodic boundary conditions. <i>Physical Review E</i> , 2010, 81, 066702.	0.8	31
129	Error estimation and reduction with cross correlations. <i>Physical Review E</i> , 2010, 81, 066701.	0.8	28
130	Publisher's Note: Error estimation and reduction with cross correlations [Phys. Rev. E81, 066701 (2010)]. <i>Physical Review E</i> , 2010, 81, .	0.8	1
131	Free-Energy Barrier at Droplet Condensation. <i>Progress of Theoretical Physics Supplement</i> , 2010, 184, 400-414.	0.2	12
132	Shape anisotropy of polymers in disordered environment. <i>Journal of Chemical Physics</i> , 2010, 133, 184903.	1.2	45
133	Critical loop gases and the worm algorithm. <i>Nuclear Physics B</i> , 2010, 829, 573-599.	0.9	11
134	Critical amplitude ratios of the Baxter-Wu model. <i>Nuclear Physics B</i> , 2010, 840, 491-512.	0.9	16
135	Systematic microcanonical analyses of polymer adsorption transitions. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11548.	1.3	45
136	Cross Correlations in Scaling Analyses of Phase Transitions. <i>Physical Review Letters</i> , 2009, 102, 100601.	2.9	26
137	Finite-temperature Néel ordering of fluctuations in a plaquette orbital model. <i>Physical Review B</i> , 2009, 80, .	1.1	9
138	Polymers in crowded environment under stretching force: Globule-coil transitions. <i>Physical Review E</i> , 2009, 80, 051805.	0.8	8
139	Thermodynamics of tubelike flexible polymers. <i>Physical Review E</i> , 2009, 80, 011802.	0.8	14
140	Comprehensive quantum Monte Carlo study of the quantum critical points in planar dimerized/quadramerized Heisenberg models. <i>Physical Review B</i> , 2009, 79, .	1.1	59
141	Elastic Lennard-Jones polymers meet clusters: Differences and similarities. <i>Journal of Chemical Physics</i> , 2009, 131, 124904.	1.2	63
142	Surface effects in the crystallization process of elastic flexible polymers. <i>Chemical Physics Letters</i> , 2009, 476, 201-204.	1.2	52
143	Ground-state properties of tubelike flexible polymers. <i>European Physical Journal E</i> , 2009, 30, 7-18.	0.7	6
144	Conformational Mechanics of Polymer Adsorption Transitions at Attractive Substrates. <i>Journal of Physical Chemistry B</i> , 2009, 113, 3314-3323.	1.2	42

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145	Comparative molecular dynamics and Monte Carlo study of statistical properties for coarse-grained heteropolymers. <i>Journal of Computational Chemistry</i> , 2008, 29, 2603-2612.	1.5	13
146	Multibondic cluster algorithm for finite-size scaling studies of critical phenomena. <i>Computer Physics Communications</i> , 2008, 179, 21-25.	3.0	1
147	Thermodynamics of peptide aggregation processes: An analysis from perspectives of three statistical ensembles. <i>Journal of Chemical Physics</i> , 2008, 128, 085103.	1.2	50
148	Monte Carlo Methods in Classical Statistical Physics. , 2008, , 79-140.		39
149	Percolation of vortices in the 3D Abelian lattice Higgs model. <i>Nuclear Physics B</i> , 2008, 793, 344-361.	0.9	18
150	Multifractality of Self-Avoiding Walks on Percolation Clusters. <i>Physical Review Letters</i> , 2008, 101, 125701.	2.9	21
151	A boundary field induced first-order transition in the 2D Ising model: numerical study. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 395001.	0.7	2
152	Publisher's Note: Monte Carlo simulations of the directional-ordering transition in the two-dimensional classical and quantum compass model [<i>Phys. Rev. B</i> 78 (2008)]. <i>Physical Review B</i> , 2008, 78, .	1.1	2
153	Geometric properties of the three-dimensional Ising and X Y models. <i>Physical Review E</i> , 2008, 77, 061108.	0.8	11
154	Monte Carlo simulations of the directional-ordering transition in the two-dimensional classical and quantum compass model. <i>Physical Review B</i> , 2008, 78, .	1.1	62
155	Evidence for an Unconventional Universality Class from a Two-Dimensional Dimerized Quantum Heisenberg Model. <i>Physical Review Letters</i> , 2008, 101, 127202.	2.9	67
156	Make Life Simple: Unleash the Full Power of the Parallel Tempering Algorithm. <i>Physical Review Letters</i> , 2008, 101, 130603.	2.9	71
157	Thermodynamics and kinetics of a α -proteinlike heteropolymer model with two-state folding characteristics. <i>Journal of Chemical Physics</i> , 2008, 128, 055102.	1.2	4
158	Rugged Free-Energy Landscapes – An Introduction. , 2008, , 1-7.		6
159	Thermodynamics of Protein Folding from Coarse-Grained Models™ Perspectives. , 2008, , 203-246.		8
160	Two-State Folding, Folding through Intermediates, and Metastability in a Minimalistic Hydrophobic-Polar Model for Proteins. <i>Physical Review Letters</i> , 2007, 98, 048103.	2.9	29
161	Freezing and collapse of flexible polymers on regular lattices in three dimensions. <i>Physical Review E</i> , 2007, 76, 061803.	0.8	82
162	Differences in Solution Behavior among Four Semiconductor-Binding Peptides. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4355-4360.	1.2	11

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163	Wang-Landau Multibondic Cluster Simulations for Second-Order Phase Transitions. Physical Review Letters, 2007, 98, 040602.	2.9	14
164	Identification of characteristic protein folding channels in a coarse-grained hydrophobic-polar peptide model. Journal of Chemical Physics, 2007, 126, 105102.	1.2	16
165	High-temperature series expansions for the q-state Potts model on a hypercubic lattice and critical properties of percolation. Physical Review E, 2006, 74, 051113.	0.8	11
166	Geometric and stochastic clusters of gravitating Potts models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 373-377.	1.5	6
167	Microcanonical Analyses of Peptide Aggregation Processes. Physical Review Letters, 2006, 97, 218103.	2.9	101
168	Substrate specificity of peptide adsorption: A model study. Physical Review E, 2006, 73, 020901.	0.8	47
169	Substrate adhesion of a nongrafted flexible polymer in a cavity. Physical Review E, 2006, 73, 041802.	0.8	48
170	High-temperature series for the bond-diluted Ising model in 3, 4, and 5 dimensions. Physical Review B, 2006, 74, .	1.1	11
171	Structural properties of small semiconductor-binding synthetic peptides. Physical Review E, 2006, 74, 041802.	0.8	6
172	Two-dimensional critical Potts and its tricritical shadow. Brazilian Journal of Physics, 2006, 36, 708-716.	0.7	7
173	Exact enumeration of three-dimensional lattice proteins. Computer Physics Communications, 2005, 166, 8-16.	3.0	22
174	Conformational transitions of heteropolymers. Computer Physics Communications, 2005, 169, 111-113.	3.0	4
175	Multicanonical simulations of the tails of the order-parameter distribution of the two-dimensional Ising model. Computer Physics Communications, 2005, 169, 230-233.	3.0	2
176	Critical exponents from general distributions of zeroes. Computer Physics Communications, 2005, 169, 457-461.	3.0	2
177	Geometrical phase transitions. Computer Physics Communications, 2005, 169, 222-225.	3.0	3
178	A program generating homogeneous random graphs with given weights. Computer Physics Communications, 2005, 173, 162-174.	3.0	2
179	Monte Carlo Studies of Connectivity Disorder. , 2005, , 363-373.		0
180	Exact sequence analysis for three-dimensional hydrophobic-polar lattice proteins. Journal of Chemical Physics, 2005, 122, 114705.	1.2	23

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181	Kertész Line in the Three-Dimensional Compact U(1) Lattice Higgs Model. Physical Review Letters, 2005, 95, 051601.	2.9	32
182	Fractal Structure of High-Temperature Graphs of O(N) Models in Two Dimensions. Physical Review Letters, 2005, 95, 135702.	2.9	14
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