

# Wolfhard Janke

## List of Publications by Year in descending order

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286  
papers

5,707  
citations

61857

43  
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123241

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288  
all docs

288  
docs citations

288  
times ranked

2277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical exponents of the classical three-dimensional Heisenberg model: A single-cluster Monte Carlo study. <i>Physical Review B</i> , 1993, 48, 936-950.	1.1	192
2	Convergent Strong-Coupling Expansions from Divergent Weak-Coupling Perturbation Theory. <i>Physical Review Letters</i> , 1995, 75, 2787-2791.	2.9	146
3	Multicanonical Monte Carlo simulations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 254, 164-178.	1.2	124
4	Multicanonical Chain-Growth Algorithm. <i>Physical Review Letters</i> , 2003, 91, 208105.	2.9	113
5	Test of single cluster update for the three-dimensional XY model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1990, 148, 306-312.	0.9	101
6	Microcanonical Analyses of Peptide Aggregation Processes. <i>Physical Review Letters</i> , 2006, 97, 218103.	2.9	101
7	Multicanonical study of coarse-grained off-lattice models for folding heteropolymers. <i>Physical Review E</i> , 2005, 71, 031906.	0.8	97
8	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
9	Multibondic Cluster Algorithm for Monte Carlo Simulations of First-Order Phase Transitions. <i>Physical Review Letters</i> , 1995, 74, 212-215.	2.9	89
10	Thermodynamics of lattice heteropolymers. <i>Journal of Chemical Physics</i> , 2004, 120, 6779-6791.	1.2	89
11	Conformational Transitions of Nongrafted Polymers near an Absorbing Substrate. <i>Physical Review Letters</i> , 2005, 95, 058102.	2.9	87
12	Three-dimensional 3-state Potts model revisited with new techniques. <i>Nuclear Physics B</i> , 1997, 489, 679-696.	0.9	86
13	Freezing and collapse of flexible polymers on regular lattices in three dimensions. <i>Physical Review E</i> , 2007, 76, 061803.	0.8	82
14	The Strength of First and Second Order Phase Transitions from Partition Function Zeroes. <i>Journal of Statistical Physics</i> , 2001, 102, 1211-1227.	0.5	78
15	New method to determine first-order transition points from finite-size data. <i>Physical Review Letters</i> , 1992, 68, 1738-1741.	2.9	72
16	Make Life Simple: Unleash the Full Power of the Parallel Tempering Algorithm. <i>Physical Review Letters</i> , 2008, 101, 130603.	2.9	71
17	Multioverlap Simulations of the 3D Edwards-Anderson Ising Spin Glass. <i>Physical Review Letters</i> , 1998, 80, 4771-4774.	2.9	69
18	Accurate first-order transition points from finite-size data without power-law corrections. <i>Physical Review B</i> , 1993, 47, 14757-14770.	1.1	67

#	ARTICLE	IF	CITATIONS
19	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
20	Elastic Lennard-Jones polymers meet clusters: Differences and similarities. <i>Journal of Chemical Physics</i> , 2009, 131, 124904.	1.2	63
21	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
22	An explicit formula for the interface tension of the 2D Potts model. <i>Journal De Physique, I</i> , 1992, 2, 2011-2018.	1.2	60
23	Canonical versus microcanonical analysis of first-order phase transitions. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1998, 63, 631-633.	0.5	59
24	Comprehensive quantum Monte Carlo study of the quantum critical points in planar dimerized/quadrumerized Heisenberg models. <i>Physical Review B</i> , 2009, 79, .	1.1	59
25	MULTICANONICAL SIMULATION OF THE TWO-DIMENSIONAL 7-STATE POTTS MODEL. <i>International Journal of Modern Physics C</i> , 1992, 03, 1137-1146.	0.8	55
26	Monte Carlo calculation of the surface free energy for the two-dimensional 7-state Potts model, and an estimate for four-dimensional SU(3) gauge theory. <i>Nuclear Physics B</i> , 1992, 382, 649-661.	0.9	54
27	Softening of first-order transition in three-dimensions by quenched disorder. <i>Physical Review E</i> , 2001, 64, 036120.	0.8	54
28	Single-cluster Monte Carlo study of the Ising model on two-dimensional random lattices. <i>Physical Review B</i> , 1994, 49, 9644-9657.	1.1	53
29	Thermodynamics and structure of macromolecules from flat-histogram Monte Carlo simulations. <i>Soft Matter</i> , 2016, 12, 642-657.	1.2	53
30	Crossover in the XY model from three to two dimensions. <i>Physical Review B</i> , 1990, 42, 10673-10681.	1.1	52
31	Surface effects in the crystallization process of elastic flexible polymers. <i>Chemical Physics Letters</i> , 2009, 476, 201-204.	1.2	52
32	Finite-size scaling study of the three-dimensional classical Heisenberg model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1993, 173, 8-12.	0.9	50
33	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
34	Scaling properties of a parallel implementation of the multicanonical algorithm. <i>Computer Physics Communications</i> , 2013, 184, 1155-1160.	3.0	50
35	High-precision Monte Carlo study of the two-dimensional XY Villain model. <i>Physical Review B</i> , 1993, 48, 7419-7433.	1.1	48
36	Geometrical vs. Fortuin-Kasteleyn clusters in the two-dimensional q-state Potts model. <i>Nuclear Physics B</i> , 2004, 700, 385-406.	0.9	48

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37	Monte Carlo study of phase transitions in the bond-diluted 3D 4-state Potts model. Nuclear Physics B, 2005, 719, 275-311.	0.9	48
38	Substrate adhesion of a nongrafted flexible polymer in a cavity. Physical Review E, 2006, 73, 041802.	0.8	48
39	Logarithmic corrections in the two-dimensional XY model. Physical Review B, 1997, 55, 3580-3584.	1.1	47
40	Substrate specificity of peptide adsorption: A model study. Physical Review E, 2006, 73, 020901.	0.8	47
41	Microscopic Mechanism of Specific Peptide Adhesion to Semiconductor Substrates. Angewandte Chemie - International Edition, 2010, 49, 9530-9533.	7.2	47
42	Shape anisotropy of polymers in disordered environment. Journal of Chemical Physics, 2010, 133, 184903.	1.2	45
43	Systematic microcanonical analyses of polymer adsorption transitions. Physical Chemistry Chemical Physics, 2010, 12, 11548.	1.3	45
44	High-temperature series analyses of the classical Heisenberg and XY models. Physica A: Statistical Mechanics and Its Applications, 1993, 201, 581-592.	1.2	43
45	Two-dimensional eight-state Potts model on random lattices: A Monte Carlo study. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 209, 179-183.	0.9	42
46	Conformational Mechanics of Polymer Adsorption Transitions at Attractive Substrates. Journal of Physical Chemistry B, 2009, 113, 3314-3323.	1.2	42
47	Comparison of the Adsorption Transition for Grafted and Nongrafted Polymers. Macromolecules, 2011, 44, 9013-9019.	2.2	42
48	Monte Carlo Methods in Classical Statistical Physics. , 2008, , 79-140.		39
49	High-Temperature Series Analysis of 2D Random-Bond Ising Ferromagnets. Physical Review Letters, 1998, 80, 4697-4700.	2.9	38
50	Advanced multicanonical Monte Carlo methods for efficient simulations of nucleation processes of polymers. Journal of Computational Physics, 2011, 230, 4454-4465.	1.9	38
51	From amorphous aggregates to polymer bundles: The role of stiffness on structural phases in polymer aggregation. Europhysics Letters, 2015, 109, 28002.	0.7	37
52	Kinetics of polymer collapse: effect of temperature on cluster growth and aging. Soft Matter, 2017, 13, 1276-1290.	1.2	37
53	Fractal structure of spin clusters and domain walls in the two-dimensional Ising model. Physical Review E, 2005, 71, 036703.	0.8	36
54	GPU accelerated population annealing algorithm. Computer Physics Communications, 2017, 220, 341-350.	3.0	36

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55	Harris-Luck criterion for random lattices. <i>Physical Review B</i> , 2004, 69, .	1.1	35
56	Dilute Semiflexible Polymers with Attraction: Collapse, Folding and Aggregation. <i>Polymers</i> , 2016, 8, 333.	2.0	33
57	Knots as a Topological Order Parameter for Semiflexible Polymers. <i>Physical Review Letters</i> , 2016, 116, 128301.	2.9	33
58	Ising model universality for two-dimensional lattices. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 315, 412-416.	1.5	32
59	The critical behaviour of Ising spins on 2D Regge lattices. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 335, 143-150.	1.5	32
60	A Monte Carlo test of the Fisher-Nakanishi Scaling theory for the capillary condensation critical point. <i>Journal of Chemical Physics</i> , 2001, 114, 5853-5862.	1.2	32
61	Kertész Line in the Three-Dimensional Compact U(1) Lattice Higgs Model. <i>Physical Review Letters</i> , 2005, 95, 051601.	2.9	32
62	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
63	Optimal energy estimation in path-integral Monte Carlo simulations. <i>Journal of Chemical Physics</i> , 1997, 107, 5821-5839.	1.2	31
64	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
65	Canonical free-energy barrier of particle and polymer cluster formation. <i>Nature Communications</i> , 2017, 8, 14546.	5.8	31
66	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
67	Percolation thresholds and fractal dimensions for square and cubic lattices with long-range correlated defects. <i>Physical Review E</i> , 2017, 96, 062125.	0.8	29
68	Error estimation and reduction with cross correlations. <i>Physical Review E</i> , 2010, 81, 066701.	0.8	28
69	Nonstandard Finite-Size Scaling at First-Order Phase Transitions. <i>Physical Review Letters</i> , 2014, 112, .	2.9	28
70	Statistical properties of a harmonic plus a delta-potential. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1988, 129, 140-144.	0.9	27
71	Phase ordering kinetics of the long-range Ising model. <i>Physical Review E</i> , 2019, 99, 011301.	0.8	27
72	Phase transition strengths from the density of partition function zeroes. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002, 106-107, 905-907.	0.5	26

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73	Cross Correlations in Scaling Analyses of Phase Transitions. <i>Physical Review Letters</i> , 2009, 102, 100601.	2.9	26
74	Path integral Monte Carlo using multigrid techniques. <i>Chemical Physics Letters</i> , 1993, 201, 499-505.	1.2	25
75	Spin-glass overlap barriers in three and four dimensions. <i>Physical Review B</i> , 2000, 61, 12143-12150.	1.1	25
76	Parallel multicanonical study of the three-dimensional Blume-Capel model. <i>Physical Review E</i> , 2015, 91, 032126.	0.8	25
77	Multicanonical multigrid Monte Carlo method. <i>Physical Review E</i> , 1994, 49, 3475-3479.	0.8	24
78	Application of the multicanonical multigrid Monte Carlo method to the two-dimensional $\mathbb{Z}_4$ : Autocorrelations and interface tension: Autocorrelations and interface tension. <i>Journal of Statistical Physics</i> , 1995, 78, 759-798.	0.5	24
79	Aggregation of theta-polymers in spherical confinement. <i>Journal of Chemical Physics</i> , 2014, 141, 114908.	1.2	24
80	Ising model on three-dimensional random lattices: A Monte Carlo study. <i>Physical Review B</i> , 2002, 66, .	1.1	23
81	Exact sequence analysis for three-dimensional hydrophobic-polar lattice proteins. <i>Journal of Chemical Physics</i> , 2005, 122, 114705.	1.2	23
82	Nonlocal Monte Carlo algorithms for statistical physics applications. <i>Mathematics and Computers in Simulation</i> , 1998, 47, 329-346.	2.4	22
83	Exact enumeration of three-dimensional lattice proteins. <i>Computer Physics Communications</i> , 2005, 166, 8-16.	3.0	22
84	Adsorption and Pattern Recognition of Polymers at Complex Surfaces with Attractive Stripelike Motifs. <i>Physical Review Letters</i> , 2014, 112, 148303.	2.9	22
85	First-order phase transitions in the real microcanonical ensemble. <i>Physical Review E</i> , 2016, 94, 021301.	0.8	22
86	Plaquette Ising models, degeneracy and scaling. <i>European Physical Journal: Special Topics</i> , 2017, 226, 749-764.	1.2	22
87	High-temperature series analysis of the free energy and susceptibility of the 2D random-bond Ising model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 265, 28-42.	1.2	21
88	Density of partition function zeroes and phase transition strength. <i>Computer Physics Communications</i> , 2002, 147, 443-446.	3.0	21
89	Multifractality of Self-Avoiding Walks on Percolation Clusters. <i>Physical Review Letters</i> , 2008, 101, 125701.	2.9	21
90	Cluster coarsening during polymer collapse: Finite-size scaling analysis. <i>Europhysics Letters</i> , 2015, 110, 58001.	0.7	21

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91	Coarsening and aging of lattice polymers: Influence of bond fluctuations. Journal of Chemical Physics, 2017, 147, 094902.	1.2	21
92	Ising spins on a gravitating sphere. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 375, 69-74.	1.5	19
93	Exploring different regimes in finite-size scaling of the droplet condensation-evaporation transition. Physical Review E, 2015, 92, 012134.	0.8	19
94	Aging in the Long-Range Ising Model. Physical Review Letters, 2020, 125, 180601.	2.9	19
95	Laplacian roughening on a triangular lattice. Physics Letters, Section A: General, Atomic and Solid State Physics, 1986, 116, 387-391.	0.9	18
96	Percolation of vortices in the 3D Abelian lattice Higgs model. Nuclear Physics B, 2008, 793, 344-361.	0.9	18
97	Monte Carlo Simulations of Spin Systems. , 1996, , 10-43.		18
98	Monte Carlo simulation of dimensional crossover in the XY model. Physical Review B, 1993, 48, 15807-15811.	1.1	17
99	Critical Exponents of the Classical Heisenberg Ferromagnet. Physical Review Letters, 1997, 78, 2265-2265.	2.9	17
100	Identification of characteristic protein folding channels in a coarse-grained hydrophobic-polar peptide model. Journal of Chemical Physics, 2007, 126, 105102.	1.2	16
101	Critical amplitude ratios of the Baxter-Wu model. Nuclear Physics B, 2010, 840, 491-512.	0.9	16
102	Thermodynamics of polymer adsorption to a flexible membrane. Physical Review E, 2011, 84, 031803.	0.8	16
103	Structural behavior of a polymer chain inside an attractive sphere. Physical Review E, 2012, 85, 051802.	0.8	16
104	Universal Amplitudes in the Finite-Size Scaling of Three-Dimensional Spin Models. Physical Review Letters, 1999, 82, 2318-2321.	2.9	15
105	Star-graph expansions for bond-diluted Potts models. Physical Review E, 2003, 67, 026118.	0.8	15
106	Massively parallelized replica-exchange simulations of polymers on GPUs. Computer Physics Communications, 2011, 182, 1638-1644.	3.0	15
107	Fractal Structure of High-Temperature Graphs of $O(N)$ Models in Two Dimensions. Physical Review Letters, 2005, 95, 135702.	2.9	14
108	Wang-Landau Multibondic Cluster Simulations for Second-Order Phase Transitions. Physical Review Letters, 2007, 98, 040602.	2.9	14

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109	Thermodynamics of tubelike flexible polymers. <i>Physical Review E</i> , 2009, 80, 011802.	0.8	14
110	Massively parallel multicanonical simulations. <i>Computer Physics Communications</i> , 2018, 224, 387-395.	3.0	14
111	Softening of first-order phase transition on quenched random gravity graphs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 388, 14-20.	1.5	13
112	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
113	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
114	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
115	Correlation function at $\hat{t}^2$ in the disordered phase of 2D Potts models. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1995, 197, 227-234.	0.9	12
116	Monte Carlo study of the scaling of universal correlation lengths in three-dimensional $O(n)$ spin models. <i>Physical Review B</i> , 2000, 62, 6343-6359.	1.1	12
117	Functional form of the Parisi overlap distribution for the three-dimensional Edwards-Anderson Ising spin glass. <i>Physical Review E</i> , 2002, 65, 045102.	0.8	12
118	Free-Energy Barrier at Droplet Condensation. <i>Progress of Theoretical Physics Supplement</i> , 2010, 184, 400-414.	0.2	12
119	Hierarchies in nucleation transitions. <i>Computer Physics Communications</i> , 2011, 182, 1937-1940.	3.0	12
120	Scaling Properties of Parallelized Multicanonical Simulations. <i>Physics Procedia</i> , 2014, 53, 55-59.	1.2	12
121	Interplay of Adsorption and Semiflexibility: Structural Behavior of Grafted Polymers under Poor Solvent Conditions. <i>Macromolecules</i> , 2017, 50, 4054-4063.	2.2	12
122	Exploring first-order phase transitions with population annealing. <i>European Physical Journal: Special Topics</i> , 2017, 226, 595-604.	1.2	12
123	Understanding population annealing Monte Carlo simulations. <i>Physical Review E</i> , 2021, 103, 053301.	0.8	12
124	Ising and Potts models on quenched random gravity graphs. <i>Nuclear Physics B</i> , 2000, 578, 681-698.	0.9	11
125	High-temperature series expansions for the q-state Potts model on a hypercubic lattice and critical properties of percolation. <i>Physical Review E</i> , 2006, 74, 051113.	0.8	11
126	High-temperature series for the bond-diluted Ising model in 3, 4, and 5 dimensions. <i>Physical Review B</i> , 2006, 74, .	1.1	11



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127	Differences in Solution Behavior among Four Semiconductor-Binding Peptides. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4355-4360.	1.2	11
128	Geometric properties of the three-dimensional Ising and $X$ - $Y$ models. <i>Physical Review E</i> , 2008, 77, 061108.	0.8	11
129	Critical loop gases and the worm algorithm. <i>Nuclear Physics B</i> , 2010, 829, 573-599.	0.9	11
130	Molecular Dynamics and Monte Carlo simulations in the microcanonical ensemble: Quantitative comparison and reweighting techniques. <i>Journal of Chemical Physics</i> , 2015, 143, 134114.	1.2	11
131	Vortex-line percolation in the three-dimensional complex $\mathbb{Z}_4$ model. <i>Physical Review B</i> , 2005, 72, .	1.1	10
132	Parallel-tempering cluster algorithm for computer simulations of critical phenomena. <i>Physical Review E</i> , 2011, 84, 036701.	0.8	10
133	Polymer adsorption on a fractal substrate: Numerical study. <i>Journal of Chemical Physics</i> , 2012, 136, 104907.	1.2	10
134	Evidence of aging and dynamic scaling in the collapse of a polymer. <i>Physical Review E</i> , 2016, 93, 032506.	0.8	10
135	Ice Nucleation in Periodic Arrays of Spherical Nanocages. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23788-23792.	1.5	10
136	Polymer adsorption on curved surfaces. <i>Physical Review E</i> , 2017, 96, 062504.	0.8	10
137	Pearl-Necklace-Like Local Ordering Drives Polypeptide Collapse. <i>Macromolecules</i> , 2019, 52, 5491-5498.	2.2	10
138	Accelerating Molecular Dynamics Simulations with Population Annealing. <i>Physical Review Letters</i> , 2019, 122, 060602.	2.9	10
139	Measuring the string susceptibility in 2D simplicial quantum gravity using the Regge approach. <i>Nuclear Physics B</i> , 1996, 477, 465-488.	0.9	9
140	Dynamical Behavior of the Multibondic and Multicanonic Algorithm In The 3D q-State Potts Model. <i>Journal of Statistical Physics</i> , 1998, 90, 1277-1293.	0.5	9
141	Non-self-averaging in autocorrelations for Potts models on quenched random gravity graphs. <i>Journal of Physics A</i> , 2000, 33, 2653-2662.	1.6	9
142	Overlap distribution of the three-dimensional Ising model. <i>Physical Review E</i> , 2002, 66, 046122.	0.8	9
143	Random-bond Potts models on hypercubic lattices: high-temperature series expansions. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002, 106-107, 923-925.	0.5	9
144	Finite-temperature Néel ordering of fluctuations in a plaquette orbital model. <i>Physical Review B</i> , 2009, 80, .	1.1	9

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145	Simulating flexible polymers in a potential of randomly distributed hard disks. <i>Physical Review E</i> , 2011, 84, 051805.	0.8	9
146	Monte Carlo Simulations in Statistical Physics – From Basic Principles to Advanced Applications. , 2012, , 93-166.		9
147	Multicanonical analysis of the plaquette-only gonihedric Ising model and its dual. <i>Nuclear Physics B</i> , 2014, 888, 214-235.	0.9	9
148	Periodically driven DNA: Theory and simulation. <i>Physical Review E</i> , 2016, 93, 010402.	0.8	9
149	Convergence of Stochastic Approximation Monte Carlo and modified Wang–Landau algorithms: Tests for the Ising model. <i>Computer Physics Communications</i> , 2017, 216, 1-7.	3.0	9
150	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
151	Multigrid method versus staging algorithm. <i>Chemical Physics Letters</i> , 1996, 263, 488-494.	1.2	8
152	High-temperature series expansions for random-bond Potts models on. <i>Computer Physics Communications</i> , 2002, 147, 435-438.	3.0	8
153	Polymers in crowded environment under stretching force: Globule-coil transitions. <i>Physical Review E</i> , 2009, 80, 051805.	0.8	8
154	Asymptotic Scaling Behavior of Self-Avoiding Walks on Critical Percolation Clusters. <i>Physical Review Letters</i> , 2014, 113, 255701.	2.9	8
155	Application of the parallel multicanonical method to lattice gas condensation. <i>Journal of Physics: Conference Series</i> , 2014, 510, 012017.	0.3	8
156	Knots are Generic Stable Phases in Semiflexible Polymers. <i>Macromolecules</i> , 2021, 54, 5321-5334.	2.2	8
157	Thermodynamics of Protein Folding from Coarse-Grained Models™ Perspectives. , 2008, , 203-246.		8
158	Monte-Carlo Study of Pure-Phase Cumulants of 2D q-State Potts Models. <i>Journal De Physique, I</i> , 1997, 7, 663-674.	1.2	8
159	Understanding nonequilibrium scaling laws governing collapse of a polymer. <i>European Physical Journal B</i> , 2020, 93, 1.	0.6	8
160	Effects of alignment activity on the collapse kinetics of a flexible polymer. <i>Soft Matter</i> , 2022, 18, 1978-1990.	1.2	8
161	Monte Carlo study of asymmetric 2D XY model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1997, 246, 633-645.	1.2	7
162	The wrong kind of gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 460, 271-275.	1.5	7

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163	Phase Transition in Complex $  \tilde{\chi}  ^4$ Theory. Physical Review Letters, 2002, 89, 130201.	2.9	7
164	Random-cluster multihistogram sampling for the q-state Potts model. Physical Review E, 2002, 65, 036109.	0.8	7
165	Nature of phase transitions in a generalized complex $\hat{\chi}^4$ model. Physical Review B, 2005, 71, .	1.1	7
166	Fractals meet fractals: self-avoiding random walks on percolation clusters. Physics Procedia, 2010, 3, 1431-1435.	1.2	7
167	Numerical survey of the tunable condensate shape and scaling laws in pair-factorized steady states. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 125001.	0.7	7
168	Effect of Bending Stiffness on a Homopolymer Inside a Spherical Cage. Physics Procedia, 2014, 57, 53-57.	1.2	7
169	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
170	Zero-temperature coarsening in the two-dimensional long-range Ising model. Physical Review E, 2021, 103, 052122.	0.8	7
171	Motion of a polymer globule with Vicsek-like activity: from super-diffusive to ballistic behavior. Soft Materials, 2021, 19, 306-315.	0.8	7
172	Two-dimensional critical Potts and its tricritical shadow. Brazilian Journal of Physics, 2006, 36, 708-716.	0.7	7
173	Multibondic cluster algorithm. Nuclear Physics, Section B, Proceedings Supplements, 1995, 42, 876-878.	0.5	6
174	Monte Carlo study of 8-state Potts model on 2D random lattices. Nuclear Physics, Section B, Proceedings Supplements, 1996, 47, 641-644.	0.5	6
175	Fixed versus random triangulations in 2D Regge calculus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 390, 59-63.	1.5	6
176	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
177	Structural properties of small semiconductor-binding synthetic peptides. Physical Review E, 2006, 74, 041802.	0.8	6
178	Ground-state properties of tubelike flexible polymers. European Physical Journal E, 2009, 30, 7-18.	0.7	6
179	Adsorption of finite polymers in different thermodynamic ensembles. Computer Physics Communications, 2011, 182, 1961-1965.	3.0	6
180	Transmuted Finite-size Scaling at First-order Phase Transitions. Physics Procedia, 2014, 57, 68-72.	1.2	6

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181	Planar ordering in the plaquette-only gonihedric Ising model. Nuclear Physics B, 2015, 894, 1-14.	0.9	6
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