

Ronald Dickman

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190
papers

6,651
citations

43
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76
g-index

195
ext. papers

6,933
ext. citations

2.7
avg, IF

5.95
L-index

#	Paper	IF	Citations
190	Nonequilibrium Phase Transitions in Lattice Models 1999 ,		780
189	High density Monte Carlo simulations of chain molecules: Bulk equation of state and density profile near walls. <i>Journal of Chemical Physics</i> , 1988 , 89, 3168-3174	3.9	274
188	Equation of state for chain molecules: Continuous-space analog of Flory theory. <i>Journal of Chemical Physics</i> , 1986 , 85, 4108-4115	3.9	229
187	Paths to self-organized criticality. <i>Brazilian Journal of Physics</i> , 2000 , 30, 27-41	1.2	213
186	Kinetic phase transitions in a surface-reaction model: Mean-field theory. <i>Physical Review A</i> , 1986 , 34, 4246-4250	2.6	211
185	Entropic forces in binary hard sphere mixtures: Theory and simulation. <i>Journal of Chemical Physics</i> , 1997 , 107, 205-213	3.9	172
184	Critical exponents for an irreversible surface reaction model. <i>Physical Review A</i> , 1990 , 41, 3411-3414	2.6	158
183	Nonequilibrium phase transitions in systems with infinitely many absorbing states. <i>Physical Review E</i> , 1993 , 48, 1710-1725	2.4	145
182	Self-organized criticality as an absorbing-state phase transition. <i>Physical Review E</i> , 1998 , 57, 5095-5105	2.4	143
181	Avalanche and spreading exponents in systems with absorbing states. <i>Physical Review E</i> , 1999 , 59, 6175-6184	2.4	141
180	Absorbing-state phase transitions in fixed-energy sandpiles. <i>Physical Review E</i> , 2000 , 62, 4564-82	2.4	138
179	Driving, Conservation, and Absorbing States in Sandpiles. <i>Physical Review Letters</i> , 1998 , 81, 5676-5679	7.4	135
178	Generalized scaling for models with multiple absorbing states. <i>Journal of Physics A</i> , 1994 , 27, 3019-3028		113
177	Critical dynamics of the contact process with quenched disorder. <i>Physical Review E</i> , 1996 , 54, R3090-R3093		110
176	Random sequential adsorption: Series and virial expansions. <i>Journal of Chemical Physics</i> , 1991 , 94, 8252-8257		105
175	How to simulate the quasistationary state. <i>Physical Review E</i> , 2005 , 71, 016129	2.4	103
174	Nonequilibrium critical poisoning in a single-species model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1988 , 127, 132-137	2.3	92

173	Time-dependent perturbation theory for nonequilibrium lattice models. <i>Journal of Statistical Physics</i> , 1993 , 71, 89-127	1.5	85
172	On the pressure equation for chain molecules. <i>Journal of Chemical Physics</i> , 1987 , 87, 664-674	3.9	79
171	Critical behavior of systems with many absorbing states. <i>Physical Review Letters</i> , 1996 , 76, 451-454	7.4	77
170	Universality and diffusion in nonequilibrium critical phenomena. <i>Physical Review B</i> , 1989 , 40, 7005-7010	3.3	75
169	Equation of state for athermal lattice chains in a 3d fluctuating bond model. <i>Journal of Chemical Physics</i> , 1990 , 93, 8983-8990	3.9	73
168	Moment ratios for absorbing-state phase transitions. <i>Physical Review E</i> , 1998 , 58, 4266-4270	2.4	72
167	First-order phase transition in a one-dimensional nonequilibrium model. <i>Physical Review A</i> , 1991 , 44, 4833-4838	2.6	72
166	Mean-field theory of the driven diffusive lattice gas. <i>Physical Review A</i> , 1988 , 38, 2588-2593	2.6	70
165	Time-dependent perturbation theory for nonequilibrium lattice models. <i>Physical Review Letters</i> , 1991 , 67, 2391-2394	7.4	69
164	Critical behavior of a one-dimensional fixed-energy stochastic sandpile. <i>Physical Review E</i> , 2001 , 64, 056104	10.4	65
163	Nonequilibrium lattice models: Series analysis of steady states. <i>Journal of Statistical Physics</i> , 1989 , 55, 997-1026	1.5	61
162	Interaction between colloids in solutions containing dissolved polymer. <i>Journal of Colloid and Interface Science</i> , 1992 , 151, 102-117	9.3	60
161	Quasi-stationary distributions for stochastic processes with an absorbing state. <i>Journal of Physics A</i> , 2002 , 35, 1147-1166		59
160	Kinetic phase transitions and tricritical point in an Ising model with competing dynamics. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1987 , 122, 463-466	2.3	59
159	Equation of state for athermal lattice chains. <i>Journal of Chemical Physics</i> , 1986 , 85, 3023-3026	3.9	58
158	Polymer-induced forces between colloidal particles. A Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 1994 , 100, 4683-4690	3.9	54
157	New simulation method for the equation of state of lattice chains. <i>Journal of Chemical Physics</i> , 1987 , 87, 2246-2248	3.9	54
156	Ziff-Gulari-Barshad model with CO desorption: An Ising-like nonequilibrium critical point. <i>Physical Review E</i> , 1993 , 47, 948-952	2.4	53

155	Violation of scaling in the contact process with quenched disorder. <i>Physical Review E</i> , 1998 , 57, 1263-1268	4	51
154	Perturbation density functional theory and Monte Carlo simulations for the structure of hard triatomic fluids in slitlike pores. <i>Journal of Chemical Physics</i> , 1995 , 102, 2141-2150	3.9	50
153	Self-Consistent Ornstein-Zernike Approximation for Lattice Gases. <i>Physical Review Letters</i> , 1996 , 77, 996-999	7.4	50
152	Thermodynamically self-consistent theory of structure for three-dimensional lattice gases. <i>Physical Review E</i> , 1998 , 57, 2862-2871	2.4	49
151	New flows in a circular Couette system with co-rotating cylinders. <i>Physics of Fluids</i> , 1983 , 26, 1395		49
150	Reweighting in nonequilibrium simulations. <i>Physical Review E</i> , 1999 , 60, R2441-4	2.4	48
149	Lattice animal specific heats and the collapse of branched polymers. <i>Journal De Physique</i> , 1984 , 45, 1727-1730		45
148	Nonequilibrium critical behavior of the triplet annihilation model. <i>Physical Review A</i> , 1990 , 42, 6985-6990	2.6	43
147	Theory of the NO+CO surface-reaction model. <i>Physical Review E</i> , 1999 , 59, 6361-9	2.4	42
146	Sandpiles with height restrictions. <i>Physical Review E</i> , 2002 , 66, 016111	2.4	41
145	Hyperscaling in the Domany-Kinzel cellular automaton. <i>Physical Review E</i> , 1995 , 52, 3218-3220	2.4	41
144	Time-dependent perturbation theory for diffusive non-equilibrium lattice models. <i>Journal of Physics A</i> , 1993 , 26, L151-L157		37
143	Phase Structure of Systems with Infinite Numbers of Absorbing States. <i>Journal of Statistical Physics</i> , 1998 , 91, 541-569	1.5	35
142	Numerical study of a field theory for directed percolation. <i>Physical Review E</i> , 1994 , 50, 4404-4409	2.4	33
141	Driven lattice gas with repulsive interactions: Mean-field theory. <i>Physical Review A</i> , 1990 , 41, 2192-2195	2.6	33
140	Equation of state of athermal lattice chains in three dimensions. <i>Journal of Chemical Physics</i> , 1988 , 89, 7577-7584	3.9	33
139	Activated Random Walkers: Facts, Conjectures and Challenges. <i>Journal of Statistical Physics</i> , 2010 , 138, 126-142	1.5	31
138	Improving Wang-Landau sampling with adaptive windows. <i>Physical Review E</i> , 2008 , 78, 055701	2.4	31

137	Diffusive epidemic process: theory and simulation. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 065143.8	3.8	31
136	New simulation method for grafted polymeric brushes. <i>Journal of Chemical Physics</i> , 1991 , 95, 4650-4655	3.9	31
135	Nonuniversality in the pair contact process with diffusion. <i>Physical Review E</i> , 2002 , 66, 045101	2.4	30
134	Griffiths phases and localization in hierarchical modular networks. <i>Scientific Reports</i> , 2015 , 5, 14451	4.9	29
133	Contact process on a Voronoi triangulation. <i>Physical Review E</i> , 2008 , 78, 031133	2.4	28
132	Critical exponents for the restricted sandpile. <i>Physical Review E</i> , 2006 , 73, 036131	2.4	28
131	Nonequilibrium phase transitions in epidemics and sandpiles. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002 , 306, 90-97	3.3	28
130	Anisotropic random sequential adsorption of dimers on a square lattice. <i>Physical Review A</i> , 1992 , 46, 6294-6299	2.6	27
129	On the equation of state of athermal lattice chains: Test of mean-field and scaling theories in two dimensions. <i>Journal of Chemical Physics</i> , 1989 , 91, 454-460	3.9	26
128	Quasi-stationary simulation of the contact process. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005 , 357, 134-141	3.3	25
127	Forces between polymer brushes: Monte Carlo simulation of a continuous-space model. <i>Physical Review E</i> , 1994 , 50, 343-348	2.4	25
126	Local structure of model polymeric fluids: Hard-sphere chains and the three-dimensional fluctuating bond model. <i>Journal of Chemical Physics</i> , 1992 , 97, 4468-4475	3.9	25
125	First- and second-order phase transitions in a driven lattice gas with nearest-neighbor exclusion. <i>Physical Review E</i> , 2001 , 64, 016124	2.4	24
124	NONEQUILIBRIUM PHASE TRANSITIONS IN CATALYSIS AND POPULATION MODELS. <i>International Journal of Modern Physics C</i> , 1993 , 04, 271-277	1.1	23
123	Force between grafted polymer brushes. <i>Journal of Chemical Physics</i> , 1993 , 99, 3112-3118	3.9	23
122	Series analysis of the generalized contact process. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1994 , 203, 175-188	3.3	23
121	Nonequilibrium steady states and phase transitions in driven diffusive systems. <i>Annals of Physics</i> , 1990 , 199, 366-411	2.5	23
120	The nature of the absorbing-state phase transition in the diffusive epidemic process. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 405002	2	22

119	Continuously variable survival exponent for random walks with movable partial reflectors. <i>Physical Review E</i> , 2001 , 64, 020102	2.4	22
118	Interface scaling in the contact process. <i>Physical Review E</i> , 2000 , 62, 7632-7	2.4	22
117	Nonuniversal critical spreading in two dimensions. <i>Physical Review E</i> , 1996 , 53, 2223-2230	2.4	22
116	On the interface between two growing Eden clusters. <i>Journal of Physics A</i> , 1991 , 24, L191-L195		22
115	Path integrals and perturbation theory for stochastic processes. <i>Brazilian Journal of Physics</i> , 2003 , 33, 73-93	1.2	22
114	Wang-Landau sampling in three-dimensional polymers. <i>Brazilian Journal of Physics</i> , 2006 , 36, 619-622	1.2	21
113	Particle-density fluctuations and universality in the conserved stochastic sandpile. <i>Physical Review E</i> , 2015 , 92, 020104	2.4	20
112	Infinite numbers of absorbing states: Critical behavior. <i>Physica D: Nonlinear Phenomena</i> , 1997 , 103, 485-490	3.3	20
111	Moment ratios for the pair-contact process with diffusion. <i>Physical Review E</i> , 2006 , 74, 011124	2.4	20
110	XY chain with random anisotropy: Magnetization law, susceptibility, and correlation functions at $T=0$. <i>Physical Review B</i> , 1991 , 44, 4397-4405	3.3	19
109	Equation of state of two-dimensional lattice chains at the theta point. <i>Journal of Chemical Physics</i> , 1992 , 96, 1516-1522	3.9	19
108	Collapse transition and asymptotic scaling behavior of lattice animals: Low-temperature expansion. <i>Journal of Statistical Physics</i> , 1986 , 44, 465-489	1.5	19
107	Critical behavior of nonequilibrium models in short-time Monte Carlo simulations. <i>Physical Review E</i> , 2004 , 70, 067701	2.4	18
106	Rain, power laws, and advection. <i>Physical Review Letters</i> , 2003 , 90, 108701	7.4	18
105	n-site approximations and coherent-anomaly-method analysis for a stochastic sandpile. <i>Physical Review E</i> , 2002 , 66, 036122	2.4	18
104	Critical behavior of the Widom-Rowlinson lattice model. <i>Journal of Chemical Physics</i> , 1995 , 102, 8674-8676	3.9	18
103	Two-dimensional lattice polymers: Adaptive windows simulations. <i>Computer Physics Communications</i> , 2009 , 180, 583-586	4.2	17
102	Avalanche exponents and corrections to scaling for a stochastic sandpile. <i>Physical Review E</i> , 2003 , 67, 066111	2.4	17

101	Concentration Profiles of End-Grafted, Diblock and Triblock Polymers in the Melt: Near-Wall Structure and Effects of Segment-Wall Interaction. <i>Europhysics Letters</i> , 1995 , 32, 211-216	1.6	17
100	Discontinuous phase transition in a dimer lattice gas. <i>Journal of Chemical Physics</i> , 2012 , 136, 174105	3.9	16
99	Complete high-precision entropic sampling. <i>Physical Review E</i> , 2011 , 84, 026701	2.4	16
98	Pair contact process with a particle source. <i>Physical Review E</i> , 2002 , 65, 016118	2.4	16
97	Failure of steady-state thermodynamics in nonuniform driven lattice gases. <i>Physical Review E</i> , 2014 , 90, 062123	2.4	15
96	Numerical analysis of the master equation. <i>Physical Review E</i> , 2002 , 65, 047701	2.4	15
95	Phase coexistence far from equilibrium. <i>New Journal of Physics</i> , 2016 , 18, 043034	2.9	15
94	Inconsistencies in steady-state thermodynamics. <i>Physical Review E</i> , 2014 , 89, 032134	2.4	14
93	Phase diagram of the symbiotic two-species contact process. <i>Physical Review E</i> , 2014 , 90, 032120	2.4	14
92	Contact process with sublattice symmetry breaking. <i>Physical Review E</i> , 2011 , 84, 011125	2.4	14
91	Symbiotic two-species contact process. <i>Physical Review E</i> , 2012 , 86, 011121	2.4	14
90	Pair contact process in two dimensions. <i>Physical Review E</i> , 1999 , 60, 5126-9	2.4	14
89	Equation of state of athermal lattice chains: Effects of polydispersity. <i>Journal of Chemical Physics</i> , 1990 , 93, 774-778	3.9	14
88	Quasi-stationary simulation: the subcritical contact process. <i>Brazilian Journal of Physics</i> , 2006 , 36, 685-689.2		13
87	Quasi-stationary distributions for models of heterogeneous catalysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 343, 525-542	3.3	12
86	Wigner-distribution- and Green's-function approach to quantum corrections and implications for the melting temperature of two-dimensional Wigner crystals. <i>Physical Review B</i> , 1985 , 32, 471-473	3.3	12
85	An infinite-period phase transition versus nucleation in a stochastic model of collective oscillations. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011 , 2011, P09023	1.9	11
84	Analysis of an information-theoretic model for communication. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012 , 2012, P12022	1.9	10

83	Elastic lattice in a random potential. <i>Physical Review B</i> , 1998 , 57, 2724-2727	3.3	10
82	Local structure and orientational correlations in fluids composed of linear triatomic molecules. <i>Molecular Physics</i> , 1994 , 82, 937-955	1.7	10
81	Complement to the Wigner-Kirkwood expansion. <i>Physical Review Letters</i> , 1985 , 55, 1703-1706	7.4	10
80	Spatiotemporal generalization of the Harris criterion and its application to diffusive disorder. <i>Physical Review E</i> , 2016 , 93, 032143	2.4	9
79	On the absorbing-state phase transition in the one-dimensional triplet creation model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009 , 2009, P08024	1.9	9
78	Firing patterns and synchronization in nonsynaptic epileptiform activity: the effect of gap junctions modulated by potassium accumulation. <i>Physical Biology</i> , 2009 , 6, 046019	3	9
77	Diffusion in stochastic sandpiles. <i>European Physical Journal B</i> , 2009 , 72, 441-449	1.2	9
76	Phase diagram of a probabilistic cellular automaton with three-site interactions. <i>Physical Review E</i> , 2003 , 67, 016107	2.4	9
75	Crossover from directed percolation to compact directed percolation. <i>Physical Review E</i> , 1996 , 54, R3071-R3074	1.4	9
74	Kinetic theory of vehicular traffic. <i>American Journal of Physics</i> , 2016 , 84, 135-145	0.7	9
73	Intrinsic convergence properties of entropic sampling algorithms. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014 , 2014, P07007	1.9	8
72	Models of the radiation-induced bystander effect. <i>International Journal of Radiation Biology</i> , 2012 , 88, 592-9	2.9	8
71	Survival of the scarcer in space. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013 , 2013, P07004	1.9	8
70	Asymmetric exclusion process in a system of interacting Brownian particles. <i>Physical Review E</i> , 2010 , 81, 061108	2.4	8
69	Asymmetric dynamics and critical behavior in the Bak-Sneppen model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 342, 516-528	3.3	8
68	Competing two-species directed percolation. <i>Journal of Physics A</i> , 1991 , 24, 5605-5616		8
67	Cluster partition functions for a two-dimensional hard core square well gas. <i>Journal of Chemical Physics</i> , 1983 , 78, 6885-6889	3.9	8
66	Approach to equilibrium in a one-dimensional, two-component gas of Maxwellian molecules. <i>Journal of Statistical Physics</i> , 1985 , 41, 607-619	1.5	8

65	Activity, diffusion, and correlations in a two-dimensional conserved stochastic sandpile. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014 , 2014, P08003	1.9	7
64	Particle redistribution and slow decay of correlations in hard-core fluids on a half-driven ladder. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007 , 2007, P05003-P05003	1.9	7
63	Dynamic stability in random and scale-free B-lymphocyte networks. <i>Physical Review E</i> , 2007 , 75, 031911	2.4	7
62	Scaling exponents of rough surfaces generated by the Domany-Kinzel cellular automaton. <i>Physical Review E</i> , 2002 , 66, 016113	2.4	7
61	Path-integral representation for a stochastic sandpile. <i>Journal of Physics A</i> , 2002 , 35, 7269-7285		7
60	On the internal temperature in polymer glass simulations. <i>Journal of Chemical Physics</i> , 1994 , 101, 3326-3333		7
59	Fractal rain distributions and chaotic advection. <i>Brazilian Journal of Physics</i> , 2004 , 34,	1.2	7
58	Traffic model with an absorbing-state phase transition. <i>Physical Review E</i> , 2017 , 95, 022106	2.4	6
57	Computational model of a vector-mediated epidemic. <i>American Journal of Physics</i> , 2015 , 83, 468-474	0.7	6
56	Critical behavior of hard-core lattice gases: Wang-Landau sampling with adaptive windows. <i>Computer Physics Communications</i> , 2011 , 182, 719-725	4.2	6
55	Generic slow relaxation in a stochastic sandpile. <i>Europhysics Letters</i> , 2003 , 61, 294-300	1.6	6
54	Asymptotic Behavior of the Order Parameter in a Stochastic Sandpile. <i>Journal of Statistical Physics</i> , 2005 , 118, 1-25	1.5	6
53	Quasistationary distributions for the Domany-Kinzel stochastic cellular automaton. <i>Physical Review E</i> , 2002 , 66, 046135	2.4	6
52	Proof of the existence of the cluster free energy. <i>Journal of Statistical Physics</i> , 1984 , 36, 435-446	1.5	6
51	Phase diagram and critical behavior of the antiferromagnetic Ising model in an external field. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016 , 2016, 033107	1.9	6
50	A contact process with mobile disorder. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009 , 2009, P08016	1.9	5
49	Driven lattice gas with nearest-neighbor exclusion: shear-like drive. <i>European Physical Journal B</i> , 2006 , 52, 83-90	1.2	5
48	Series expansion for a stochastic sandpile. <i>Journal of Physics A</i> , 2004 , 37, 1145-1157		5

47	On the thresholds, probability densities, and critical exponents of Bak-Neppen-like models. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 342, 164-170	3.3	5
46	Recoiling DNA molecule: simulation and experiment. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005 , 345, 173-184	3.3	5
45	Asymptotic analysis of a random walk with a history-dependent step length. <i>Physical Review E</i> , 2002 , 66, 051102	2.4	5
44	The asymptotic form of the cluster partition function in a two-dimensional lattice gas. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1982 , 112, 51-64	3.3	5
43	The advantage of being slow: The quasi-neutral contact process. <i>PLoS ONE</i> , 2017 , 12, e0182672	3.7	5
42	Lattice gas with nearest-neighbor exclusion in a shear-like field. <i>Brazilian Journal of Physics</i> , 2006 , 36, 736-740	1.2	5
41	SYSTEMATIC ENUMERATION OF CONFIGURATION CLASSES FOR ENTROPIC SAMPLING OF ISING MODELS. <i>International Journal of Modern Physics C</i> , 2012 , 23, 1240007	1.1	4
40	Pair contact process with diffusion of pairs. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011 , 2011, P03012	1.9	4
39	Conserved directed percolation: exact quasistationary distribution of small systems and Monte Carlo simulations. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011 , 2011, P05029	1.9	4
38	Absorbing-state phase transitions: exact solutions of small systems. <i>Physical Review E</i> , 2008 , 77, 030102	2.4	4
37	Variable survival exponents in history-dependent random walks: hard movable reflector. <i>Brazilian Journal of Physics</i> , 2003 , 33, 450-457	1.2	4
36	On singular probability densities generated by extremal dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 332, 318-336	3.3	4
35	Survival-extinction phase transition in a bit-string population with mutation. <i>Physical Review E</i> , 2003 , 67, 031915	2.4	4
34	Ising meets Ornstein and Zernike, Debye and Hückel, Widom and Rowlinson, and others. <i>Brazilian Journal of Physics</i> , 2000 , 30, 711	1.2	4
33	Jamming and percolation of dimers in restricted-valence random sequential adsorption. <i>Physical Review Research</i> , 2020 , 2,	3.9	4
32	Driven Widom-Rowlinson lattice gas. <i>Physical Review E</i> , 2018 , 97, 062126	2.4	3
31	Uphill migration in coupled driven particle systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019 , 2019, 073203	1.9	3
30	Colloids in a periodic potential: driven lattice gas in continuous space. <i>Physical Review E</i> , 2007 , 76, 031103	2.4	3

29	Quasi-stationary distributions for models of heterogeneous catalysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 343, 525-542	3.3	3
28	Absorbing-state phase transitions with extremal dynamics. <i>Physical Review E</i> , 2005 , 71, 066113	2.4	3
27	Elastic lattice in an incommensurate background. <i>Physical Review B</i> , 1995 , 51, 97-106	3.3	3
26	A perturbation expansion for correlation functions via the Wigner distribution. <i>Superlattices and Microstructures</i> , 1986 , 2, 57-64	2.8	3
25	A scaling theory of clusters in the lattice gas. <i>Journal of Statistical Physics</i> , 1983 , 33, 527-547	1.5	3
24	Order-disorder transition in a two-dimensional associating lattice gas. <i>Physical Review E</i> , 2019 , 100, 022109	1.9	2
23	Constructing ground state configurations of lattice polymers. <i>Computer Physics Communications</i> , 2009 , 180, 590-593	4.2	2
22	Global analysis of the immune response. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008 , 387, 6137-6150	3.3	2
21	Phase diagram and critical behavior of the pair annihilation model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010 , 2010, P05009	1.9	1
20	Glassy dynamics and hysteresis in a linear system of orientable hard rods. <i>Physical Review E</i> , 2011 , 84, 011505	2.4	1
19	An epidemic process mediated by a decaying diffusing signal. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012 , 2012, P06006	1.9	1
18	Compact directed percolation with movable partial reflectors. <i>Journal of Physics A</i> , 2002 , 35, 7983-7993		1
17	Phonon frequency shifts in an anharmonic lattice via the Wigner distribution function. <i>Physical Review B</i> , 1986 , 34, 5678-5683	3.3	1
16	Continuously variable spreading exponents in the absorbing Nagel-Schreckenberg model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018 , 2018, 093102	1.9	1
15	Steady-state entropy: A proposal based on thermodynamic integration. <i>Physical Review E</i> , 2019 , 99, 032137	1.37	0
14	Synchronization of discrete oscillators on ring lattices and small-world networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020 , 2020, 043406	1.9	0
13	Microemulsions in the driven Widom-Rowlinson lattice gas.. <i>Physical Review E</i> , 2021 , 104, 064135	2.4	0
12	Reducing species extinction by connecting fragmented habitats: Insights from the contact process. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022 , 127614	3.3	0

11	Multirange Ising model on the square lattice. <i>Physical Review E</i> , 2020 , 101, 052138	2.4
10	Conserved Sandpile with A Variable Height Restriction. <i>Brazilian Journal of Physics</i> , 2013 , 43, 254-259	1.2
9	Mobility of a driven elastic lattice in an incommensurate background. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 3881-3888	1.8
8	Noise-driven nonlinear sigma model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 370, 601-612	1.2
7	Dynamics of a Brownian particle in a plasma in the long-time limit. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1981 , 105, 337-346	3.3
6	Transições de fase sem termodinâmica. <i>Revista Brasileira De Ensino De Fisica</i> , 2006 , 28, 23-33	0.4
5	Measuring Forces in Lattice Polymer Simulations. <i>The IMA Volumes in Mathematics and Its Applications</i> , 1998 , 59-74	0.5
4	The Microscopic Theory of Clustering and Nucleation 1985 , 1073-1085	
3	Thermodynamics and phase coexistence in nonequilibrium steady states. <i>Journal of Physics: Conference Series</i> , 2016 , 750, 012004	0.3
2	Population dynamics in the triplet annihilation model with a mutating reproduction rate. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 576, 126066	3.3
1	Phase diagram and critical properties of a two-dimensional associating lattice gas.. <i>Physical Review E</i> , 2021 , 104, 064120	2.4