

# Per Arne Rikvold

## List of Publications by Citations

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203  
papers

4,855  
citations

37  
h-index

59  
g-index

210  
ext. papers

5,059  
ext. citations

3.1  
avg. IF

5.38  
L-index

#	Paper	IF	Citations
203	Metastable lifetimes in a kinetic Ising model: Dependence on field and system size. <i>Physical Review E</i> , <b>1994</b> , 49, 5080-5090	2.4	198
202	Kinetic Ising Model in an Oscillating Field: Finite-Size Scaling at the Dynamic Phase Transition. <i>Physical Review Letters</i> , <b>1998</b> , 81, 834-837	7.4	176
201	Dynamic phase transition, universality, and finite-size scaling in the two-dimensional kinetic Ising model in an oscillating field. <i>Physical Review E</i> , <b>2001</b> , 63, 016120	2.4	122
200	Effects of D-strain, g-strain, and dipolar interactions on EPR linewidths of the molecular magnets Fe8 and Mn12. <i>Physical Review B</i> , <b>2001</b> , 65,	3.3	116
199	Kinetic Ising model in an oscillating field: Avrami theory for the hysteretic response and finite-size scaling for the dynamic phase transition. <i>Physical Review E</i> , <b>1999</b> , 59, 2710-2729	2.4	114
198	Suppressing roughness of virtual times in parallel discrete-event simulations. <i>Science</i> , <b>2003</b> , 299, 677-9	33.3	113
197	Absence of first-order transition and tricritical point in the dynamic phase diagram of a spatially extended bistable system in an oscillating field. <i>Physical Review E</i> , <b>2002</b> , 66, 056127	2.4	106
196	Evidence for a dynamic phase transition in [Co/Pt]3 magnetic multilayers. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	103
195	Realization of the mean-field universality class in spin-crossover materials. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	102
194	Test of the Kolmogorov-Johnson-Mehl-Avrami picture of metastable decay in a model with microscopic dynamics. <i>Physical Review B</i> , <b>1999</b> , 59, 9053-9069	3.3	88
193	Stochastic hysteresis and resonance in a kinetic Ising system. <i>Physical Review E</i> , <b>1998</b> , 57, 6512-6533	2.4	79
192	Scaling Function for the Structure Factor in First-Order Phase Transitions. <i>Physical Review Letters</i> , <b>1982</b> , 49, 286-289	7.4	78
191	From massively parallel algorithms and fluctuating time horizons to nonequilibrium surface growth. <i>Physical Review Letters</i> , <b>2000</b> , 84, 1351-4	7.4	72
190	Finite-size scaling study of a lattice-gas model for oxygen chemisorbed on tungsten. <i>Physical Review B</i> , <b>1984</b> , 29, 6285-6294	3.3	71
189	Underpotential deposition of Cu on Au(111) in sulfate-containing electrolytes: A theoretical and experimental study. <i>Journal of Chemical Physics</i> , <b>1996</b> , 104, 5699-5712	3.9	69
188	Finite-size-scaling study of a two-dimensional lattice-gas model with a tricritical point. <i>Physical Review B</i> , <b>1983</b> , 28, 2686-2692	3.3	67
187	Simulations of a stochastic model for cluster growth on a square lattice. <i>Physical Review A</i> , <b>1982</b> , 26, 647-650	2.6	67

186	Dynamic phase transition in a time-dependent Ginzburg-Landau model in an oscillating field. <i>Physical Review E</i> , <b>2001</b> , 63, 036109	2.4	66
185	Numerical investigation of a model for oxygen ordering in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> . <i>Physical Review B</i> , <b>1990</b> , 41, 8772-8791	3.3	65
184	Langevin simulation of thermally activated magnetization reversal in nanoscale pillars. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	63
183	Magnetization switching in nanoscale ferromagnetic grains: description by a kinetic Ising model. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 150, 37-50	2.8	63
182	Static and dynamic Monte Carlo simulations of Br electrodeposition on Ag(100). <i>Surface Science</i> , <b>2001</b> , 471, 125-142	1.8	60
181	Role of dipolar and exchange interactions in the positions and widths of EPR transitions for the single-molecule magnets Fe <sub>8</sub> and Mn <sub>12</sub> . <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	56
180	Punctuated equilibria and 1/f noise in a biological coevolution model with individual-based dynamics. <i>Physical Review E</i> , <b>2003</b> , 68, 031913	2.4	55
179	Three-state lattice gas on a triangular lattice as a model for multicomponent adsorption. <i>Surface Science</i> , <b>1988</b> , 203, 500-524	1.8	53
178	D-dimensional interpenetrable-sphere models of random two-phase media: Microstructure and an application to chromatography. <i>Journal of Colloid and Interface Science</i> , <b>1985</b> , 108, 158-173	9.3	53
177	Macroscopic nucleation phenomena in continuum media with long-range interactions. <i>Scientific Reports</i> , <b>2011</b> , 1, 162	4.9	52
176	Finite-size scaling analysis of the S=1 Ising model on the triangular lattice. <i>Physical Review B</i> , <b>1988</b> , 38, 6741-6750	3.3	52
175	Phase diagram for the antiferromagnetic Blume-Capel model near tricriticality. <i>Physical Review B</i> , <b>1992</b> , 45, 7237-7243	3.3	50
174	Speckle from phase-ordering systems. <i>Physical Review E</i> , <b>1997</b> , 56, 6601-6612	2.4	49
173	Parallelization of a Dynamic Monte Carlo Algorithm: A Partially Rejection-Free Conservative Approach. <i>Journal of Computational Physics</i> , <b>1999</b> , 153, 488-508	4.1	49
172	Computational lattice-gas modeling of the electrosorption of small molecules and ions. <i>Surface Science</i> , <b>1995</b> , 335, 389-400	1.8	48
171	Porosity and specific surface for interpenetrable-sphere models of two-phase random media. <i>Journal of Chemical Physics</i> , <b>1985</b> , 82, 1014-1020	3.9	46
170	Multifractal behavior of the Korean stock-market index KOSPI. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2006</b> , 364, 355-361	3.3	41
169	Lattice-gas models of adsorption in the double layer. <i>Electrochimica Acta</i> , <b>1996</b> , 41, 2175-2184	6.7	38

168	Effects of boundary conditions on magnetization switching in kinetic Ising models of nanoscale ferromagnets. <i>Physical Review B</i> , <b>1997</b> , 55, 11521-11540	3.3	37
167	Response of a catalytic reaction to periodic variation of the CO pressure: increased CO <sub>2</sub> production and dynamic phase transition. <i>Physical Review E</i> , <b>2005</b> , 71, 016120	2.4	37
166	First-principles calculations for the adsorption of water molecules on the Cu(100) surface. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	36
165	Simulated Dynamics of Underpotential Deposition of Cu with Sulfate on Au(111). <i>Journal of the Electrochemical Society</i> , <b>1999</b> , 146, 1035-1040	3.9	36
164	Method to study relaxation of metastable phases: Macroscopic mean-field dynamics. <i>Physical Review E</i> , <b>1995</b> , 52, 356-372	2.4	36
163	Structural phase transitions and oxygen-oxygen interaction energies in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> . <i>Physical Review B</i> , <b>1992</b> , 46, 381-389	3.3	36
162	Threshold phenomena under photoexcitation of spin-crossover materials with cooperativity due to elastic interactions. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	35
161	Dynamic phase transition in the two-dimensional kinetic Ising model in an oscillating field: universality with respect to the stochastic dynamics. <i>Physical Review E</i> , <b>2008</b> , 78, 051108	2.4	35
160	Dynamics of Br electrosorption on single-crystal Ag(100): a computational study. <i>Journal of Electroanalytical Chemistry</i> , <b>2000</b> , 493, 68-74	4.1	35
159	Electrosorption of Br and Cl on Ag(1 0 0): experiments and computer simulations. <i>Journal of Electroanalytical Chemistry</i> , <b>2003</b> , 554-555, 211-219	4.1	33
158	Decay of metastable phases in a model for the catalytic oxidation of CO. <i>Physical Review E</i> , <b>2005</b> , 71, 031603	2.4	33
157	Analytic Approximations for the Velocity of Field-Driven Ising Interfaces. <i>Journal of Statistical Physics</i> , <b>2000</b> , 100, 377-403	1.5	33
156	Cyclic voltammetry of platinum single crystal electrodes in solutions containing urea. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1991</b> , 315, 301-306		33
155	The effect of positive interactions on community structure in a multi-species metacommunity model along an environmental gradient. <i>Ecological Modelling</i> , <b>2010</b> , 221, 885-894	3	32
154	Projection Method for Statics and Dynamics of Lattice Spin Systems. <i>Physical Review Letters</i> , <b>1998</b> , 80, 3384-3387	7.4	32
153	A model for adsorption of O on Mo(110): Phase transitions with nonuniversal behavior. <i>Journal of Chemical Physics</i> , <b>1991</b> , 94, 3958-3973	3.9	32
152	Low-temperature nucleation in a kinetic Ising model with soft stochastic dynamics. <i>Physical Review Letters</i> , <b>2004</b> , 92, 015701	7.4	31
151	Adsorption of urea on the Pt(100) electrode: experiments and lattice-gas modeling. <i>Surface Science</i> , <b>1993</b> , 297, L135-L140	1.8	31

150	Lateral interactions in catalyst poisoning. <i>Surface Science</i> , <b>1989</b> , 221, 277-298	1.8	30
149	Critical temperature and correlation length of an elastic interaction model for spin-crossover materials. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	29
148	Crossover between a short-range and a long-range Ising model. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	29
147	Low-temperature nucleation in a kinetic Ising model under different stochastic dynamics with local energy barriers. <i>Journal of Chemical Physics</i> , <b>2004</b> , 121, 4193-202	3.9	29
146	Asymptotic forms and scaling properties of the relaxation time near threshold points in spinodal-type dynamical phase transitions. <i>Physical Review E</i> , <b>2010</b> , 81, 011135	2.4	27
145	Self-optimization, community stability, and fluctuations in two individual-based models of biological coevolution. <i>Journal of Mathematical Biology</i> , <b>2007</b> , 55, 653-77	2	27
144	Analytical and computational study of magnetization switching in kinetic Ising systems with demagnetizing fields. <i>Physical Review B</i> , <b>1996</b> , 54, 4113-4127	3.3	27
143	Numerical transfer-matrix study of metastability in the d=2 Ising model. <i>Physical Review Letters</i> , <b>1993</b> , 71, 3898-3901	7.4	27
142	Chaotic gene regulatory networks can be robust against mutations and noise. <i>Journal of Theoretical Biology</i> , <b>2008</b> , 253, 323-32	2.3	26
141	Soft versus hard dynamics for field-driven solid-on-solid interfaces. <i>Journal of Physics A</i> , <b>2002</b> , 35, L117-L123		26
140	Kinetics of the order-disorder herringbone transition. <i>Physical Review B</i> , <b>1984</b> , 29, 4420-4425	3.3	26
139	Ab initio calculations for bromine adlayers on the Ag(100) and Au(100) surfaces: The c(2x2) structure. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	24
138	Application of a constrained-transfer-matrix method to metastability in the d = 2 Ising ferromagnet. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1994</b> , 212, 194-229	3.3	24
137	Shape effects on the cluster spreading process of spin-crossover compounds analyzed within an elastic model with Eden and Kawasaki dynamics. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	23
136	Response of a kinetic Ising system to oscillating external fields: Amplitude and frequency dependence. <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 6482	2.5	23
135	Kinetic Ising system in an oscillating external field: Stochastic resonance and residence-time distributions. <i>Journal of Applied Physics</i> , <b>1997</b> , 81, 5597-5599	2.5	23
134	Micromagnetic simulations of thermally activated magnetization reversal of nanoscale magnets. <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 4792-4794	2.5	23
133	Macroscopic effects of local oxygen fluctuations in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> . <i>Physical Review B</i> , <b>1991</b> , 43, 202-209	3.3	23

132	First-order structural phase transitions in a lattice-gas model for YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> . <i>Physical Review B</i> , <b>1990</b> , 42, 10738-10741	3.3	22
131	Architecture of the Florida power grid as a complex network. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2014</b> , 401, 130-140	3.3	21
130	Fluctuations and correlations in an individual-based model of biological coevolution. <i>Journal of Physics A</i> , <b>2004</b> , 37, 5135-5155		21
129	Cl electrosorption on Ag(1 0 0): Lateral interactions and electrosorption valency from comparison of Monte Carlo simulations with chronocoulometry experiments. <i>Electrochimica Acta</i> , <b>2005</b> , 50, 5518-5525	6.7	21
128	Effects of lateral diffusion on morphology and dynamics of a microscopic lattice-gas model of pulsed electrodeposition. <i>Journal of Chemical Physics</i> , <b>2005</b> , 122, 064705	3.9	21
127	Electron paramagnetic resonance linewidths and line shapes for the molecular magnets Fe <sub>8</sub> and Mn <sub>12</sub> . <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 7167	2.5	21
126	Lateral interactions and enhanced adsorption. <i>Surface Science</i> , <b>1991</b> , 249, 180-193	1.8	21
125	Spinodals and transfer matrices in d=1 models. <i>Physical Review B</i> , <b>1986</b> , 33, 7729-7737	3.3	21
124	Effects of lateral interactions in multicomponent adsorption. <i>Electrochimica Acta</i> , <b>1991</b> , 36, 1689-1694	6.7	20
123	Monte Carlo simulation of magnetization reversal in Fe sesquilayers on W(110). <i>Physical Review B</i> , <b>1997</b> , 56, 11791-11796	3.3	19
122	Individual-based predator-prey model for biological coevolution: fluctuations, stability, and community structure. <i>Physical Review E</i> , <b>2007</b> , 75, 051920	2.4	19
121	Kinetic Monte Carlo simulations of electrodeposition: Crossover from continuous to instantaneous homogeneous nucleation within Avrami law. <i>Surface Science</i> , <b>2006</b> , 600, 2470-2487	1.8	19
120	Microstructure and velocity of field-driven solid-on-solid interfaces: analytic approximations and numerical results. <i>Physical Review E</i> , <b>2002</b> , 66, 066116	2.4	19
119	Halide adsorption on single-crystal silver substrates: dynamic simulations and ab initio density functional theory. <i>Faraday Discussions</i> , <b>2002</b> , 53-69; discussion 97-127	3.6	19
118	Numerical transfer-matrix study of a model with competing metastable states. <i>Physical Review E</i> , <b>1994</b> , 50, 1930-1947	2.4	19
117	Hysteresis loop areas in kinetic Ising models: Effects of the switching mechanism. <i>Journal of Applied Physics</i> , <b>1998</b> , 83, 6494-6496	2.5	18
116	Evolution of speckle during spinodal decomposition. <i>Physical Review E</i> , <b>1999</b> , 60, 5151-62	2.4	18
115	POLYDISPERSITY IN FLUIDS, DISPERSIONS, AND COMPOSITES; SOME THEORETICAL RESULTS. <i>Chemical Engineering Communications</i> , <b>1987</b> , 51, 233-260	2.2	18

114	Random walk in genome space: a key ingredient of intermittent dynamics of community assembly on evolutionary time scales. <i>Journal of Theoretical Biology</i> , <b>2010</b> , 264, 663-72	2.3	17
113	Effects of correlated interactions in a biological coevolution model with individual-based dynamics. <i>Journal of Physics A</i> , <b>2005</b> , 38, 9475-9489		17
112	Simulations of metastable decay in two- and three-dimensional models with microscopic dynamics. <i>Journal of Non-Crystalline Solids</i> , <b>2000</b> , 274, 356-363	3.9	17
111	Equilibrium, metastability, and hysteresis in a model spin-crossover material with nearest-neighbor antiferromagnetic-like and long-range ferromagnetic-like interactions. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	16
110	Kinetic Monte Carlo simulations of a model for heat-assisted magnetization reversal in ultrathin films. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	16
109	A new battery-charging method suggested by molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 2740-3	3.6	16
108	Positive interactions and the emergence of community structure in metacommunities. <i>Journal of Theoretical Biology</i> , <b>2010</b> , 266, 419-29	2.3	16
107	Microstructure and velocity of field-driven Ising interfaces moving under a soft stochastic dynamic. <i>Physical Review E</i> , <b>2003</b> , 67, 066113	2.4	16
106	Fluctuations in a model ferromagnetic film driven by a slowly oscillating field with a constant bias. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	15
105	Equilibrium and non-equilibrium applications of lattice-gas models in electrochemistry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1998</b> , 134, 3-14	5.1	15
104	Numerical confirmation of late-time $t(1/2)$ growth in three-dimensional phase ordering. <i>Physical Review E</i> , <b>2002</b> , 65, 036137	2.4	15
103	Large-scale computer investigations of finite-temperature nucleation and growth phenomena in magnetization reversal and hysteresis (invited). <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 6908	2.5	15
102	Effects of inert species in the gas phase in a model for the catalytic oxidation of CO. <i>Physical Review E</i> , <b>2012</b> , 85, 031143	2.4	14
101	Model for the catalytic oxidation of CO, including gas-phase impurities and CO desorption. <i>Physical Review E</i> , <b>2013</b> , 88, 012132	2.4	14
100	Effect of CO desorption and coadsorption with O on the phase diagram of a Ziff-Gulari-Barshad model for the catalytic oxidation of CO. <i>Journal of Chemical Physics</i> , <b>2009</b> , 131, 184704	3.9	14
99	Response of a model of CO oxidation with CO desorption and diffusion to a periodic external CO pressure. <i>Computational and Theoretical Chemistry</i> , <b>2006</b> , 769, 189-192		14
98	Ab initio Monte Carlo simulations for finite-temperature properties: application to lithium clusters and bulk liquid lithium. <i>Computational Materials Science</i> , <b>2004</b> , 29, 145-151	3.2	13
97	Some applications of lattice-gas models to electrochemical adsorption. <i>Physica Scripta</i> , <b>1992</b> , T44, 71-76	2.6	13

96	Determination of multicritical points for lattice-gas models by finite-size scaling of the susceptibility. <i>Physical Review B</i> , <b>1985</b> , 32, 4756-4759	3.3	13
95	Scaling analysis of a divergent prefactor in the metastable lifetime of a square-lattice Ising ferromagnet at low temperatures. <i>Physical Review E</i> , <b>2002</b> , 66, 056101	2.4	12
94	Kinetic Ising systems as models of magnetization switching in submicron ferromagnets. <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 5749	2.5	12
93	Determination of the basic timescale in kinetic Monte Carlo simulations by comparison with cyclic-voltammetry experiments. <i>Surface Science</i> , <b>2004</b> , 572, L355-L361	1.8	11
92	Thermal magnetization reversal in arrays of nanoparticles. <i>Journal of Applied Physics</i> , <b>2001</b> , 89, 7588-7590	2.5	11
91	Universality and scaling for the structure factor in dynamic order-disorder transitions. <i>Physical Review E</i> , <b>1998</b> , 58, 5501-5507	2.4	11
90	Nontrivial phase diagram for an elastic interaction model of spin crossover materials with antiferromagnetic-like short-range interactions. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	10
89	Monte Carlo simulations of the critical properties of a Ziff-Gulari-Barshad model of catalytic CO oxidation with long-range reactivity. <i>Physical Review E</i> , <b>2015</b> , 91, 012103	2.4	10
88	A model for the catalytic oxidation of CO that includes CO desorption and diffusion, O repulsion, and impurities in the gas phase. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2015</b> , 424, 217-224	3.3	10
87	Effects of demographic stochasticity on biological community assembly on evolutionary time scales. <i>Physical Review E</i> , <b>2010</b> , 81, 041908	2.4	10
86	EXTREME LONG-TIME DYNAMIC MONTE CARLO SIMULATIONS FOR METASTABLE DECAY IN THE d=3 ISING FERROMAGNET. <i>International Journal of Modern Physics C</i> , <b>2003</b> , 14, 121-131	1.1	10
85	Finite-range-scaling analysis of metastability in an Ising model with long-range interactions. <i>Physical Review E</i> , <b>1994</b> , 49, 2711-2725	2.4	10
84	Nonequilibrium Aspects of Transfer Matrices. <i>Progress of Theoretical Physics Supplement</i> , <b>1989</b> , 99, 95-106		10
83	Polydispersity in fluids and composites: Some theoretical results. <i>International Journal of Thermophysics</i> , <b>1986</b> , 7, 863-876	2.1	10
82	Macroscopically constrained Wang-Landau method for systems with multiple order parameters and its application to drawing complex phase diagrams. <i>Physical Review E</i> , <b>2017</b> , 95, 053302	2.4	9
81	Spectral matrix methods for partitioning power grids: Applications to the Italian and Floridian high-voltage networks. <i>Physics Procedia</i> , <b>2010</b> , 4, 125-129		9
80	Microstructure and velocity of field-driven solid-on-solid interfaces moving under stochastic dynamics with local energy barriers. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	9
79	First-order reversal curve analysis of homogeneous nucleation in the two-dimensional kinetic Ising model. <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 10E510	2.5	9



78	Slow forcing in the projective dynamics method. <i>Computer Physics Communications</i> , <b>1999</b> , 121-122, 330-333	3.3	9
77	Parameter estimation by Density Functional Theory for a lattice-gas model of Br and Cl chemisorption on Ag (100). <i>Journal of Electroanalytical Chemistry</i> , <b>2011</b> , 662, 130-136	4.1	8
76	Magnetization switching in nanoscale ferromagnetic grains: Simulations with heterogeneous nucleation. <i>Journal of Applied Physics</i> , <b>1997</b> , 81, 5600-5602	2.5	8
75	Community-driven dispersal in an individual-based predator-prey model. <i>Ecological Complexity</i> , <b>2008</b> , 5, 238-251	2.6	8
74	Reply to Remarks on the simulation of Cl electrosorption on Ag(1 0 0) reported in <i>Electrochimica Acta</i> 50 (2005) 5518. <i>Electrochimica Acta</i> , <b>2007</b> , 52, 1932-1935	6.7	8
73	Scaling analysis of polyacrylamide gel surfaces synthesized in the presence of surfactants. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 258, 186-97	9.3	8
72	Critical finite-range scaling in scalar-field theories and Ising models. <i>Physical Review E</i> , <b>1993</b> , 47, 1474-1485	4.5	8
71	Stochastic model for the dynamics of a spin-oscillator coupled system. <i>Zeitschrift für Physik B Condensed Matter and Quanta</i> , <b>1977</b> , 26, 195-199		8
70	Floridian high-voltage power-grid network partitioning and cluster optimization using simulated annealing. <i>Physics Procedia</i> , <b>2011</b> , 15, 2-6		7
69	New type of ordering process with volume change of molecules in the spin-crossover transition, and its new aspects of dynamical processes. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 148, 012027	0.3	7
68	Effects of preference for attachment to low-degree nodes on the degree distributions of a growing directed network and a simple food-web model. <i>Physical Review E</i> , <b>2006</b> , 73, 056115	2.4	7
67	Numerical transfer-matrix study of surface-tension anisotropy in Ising models on square and cubic lattices. <i>Physical Review B</i> , <b>1993</b> , 48, 14584-14598	3.3	7
66	Non-equilibrium Information from Transfer Matrices. <i>Physica Scripta</i> , <b>1991</b> , T38, 36-39	2.6	7
65	RECENT RESULTS ON THE DECAY OF METASTABLE PHASES <b>1995</b> , 149-191		7
64	Phase diagrams and free-energy landscapes for model spin-crossover materials with antiferromagnetic-like nearest-neighbor and ferromagnetic-like long-range interactions. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	6
63	Complex dynamics in coevolution models with ratio-dependent functional response. <i>Ecological Complexity</i> , <b>2009</b> , 6, 443-452	2.6	6
62	Nanostructure and velocity of field-driven solid-on-solid interfaces moving under a phonon-assisted dynamic. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	6
61	Transition state in magnetization reversal. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 6817-6819	2.5	6

60	Nucleation Theory of Magnetization Switching in Nanoscale Ferromagnets <b>1998</b> , 307-316		6
59	Multistability in an unusual phase diagram induced by the competition between antiferromagnetic-like short-range and ferromagnetic-like long-range interactions. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	6
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