

# CITATION REPORT

List of articles citing

## Scaling for first-order phase transitions in thermodynamic and finite systems

DOI: 10.1103/physrevb.26.2507

Physical Review B, 1982, 26, 2507-2513.

**Source:** <https://exaly.com/paper-pdf/15826754/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
423	Phase transitions in systems with multispin interactions. <i>Physical Review B</i> , <b>1982</b> , 26, 6334-6337	3.3	70
422	Finite-size effects at first-order transitions. <b>1983</b> , 33, 385-417		401
421	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
420	Studies of the Orientational Ordering Transition in Nitrogen Adsorbed on Graphite. <b>1983</b> , 51, 192-195		81
419	Closed-loop phase diagrams, vaporization, and multicriticality in binary liquid mixtures. <i>Physical Review B</i> , <b>1983</b> , 28, 2535-2546	3.3	10
418	Phase transitions on fractals. I. Quasi-linear lattices. <b>1983</b> , 16, 1267-1278		146
417	Latent heats from finite-size scaling. <b>1983</b> , 16, 3085-3095		17
416	Domain Walls and Shape Dependence in the Two-Dimensional Ising-Model Critical Region. <b>1983</b> , 51, 1058-1061		13
415	Vapor-Pressure-Isotherm Study of N <sub>2</sub> on Graphite near the Tricritical Point. <b>1983</b> , 51, 1465-1468		29
414	Low-temperature scaling for systems with random fields and anisotropies. <i>Physical Review B</i> , <b>1983</b> , 27, 5872-5874	3.3	157
413	Finite-size analysis of first-order phase transitions: Discrete and continuous symmetries. <i>Physical Review B</i> , <b>1983</b> , 27, 4256-4260	3.3	52
412	Finite-size scaling for directed self-avoiding walks. <i>Physical Review B</i> , <b>1983</b> , 28, 6613-6615	3.3	6
411	Finite-size scaling at an Ising tricritical point. <b>1984</b> , 17, L335-L339		11
410	Bootstrap percolation: a renormalisation group approach. <b>1984</b> , 17, L373-L377		18
409	Magnetic susceptibilities of cluster-hierarchical models. <i>Physical Review B</i> , <b>1984</b> , 29, 1315-1320	3.3	44
408	Ordering under random fields: Renormalization-group arguments. <i>Physical Review B</i> , <b>1984</b> , 29, 5243-5245	3.3	42
407	Oxygen chemisorbed on Ni(100): A renormalization-group study of the global phase diagram. <i>Physical Review B</i> , <b>1984</b> , 29, 1279-1286	3.3	29

406	Thermodynamic study of phase transitions of monolayer N <sub>2</sub> on graphite. <i>Physical Review B</i> , <b>1984</b> , 30, 2681-2694	3-3	104
405	Linear integral equations and renormalization group. <i>Physical Review B</i> , <b>1984</b> , 30, 1387-1397	3-3	4
404	Triangular lattice gas with first- and second-neighbor exclusions: Continuous transition in the four-state Potts universality class. <i>Physical Review B</i> , <b>1984</b> , 30, 5339-5341	3-3	17
403	Competing multispin interactions. <i>Physical Review B</i> , <b>1984</b> , 29, 2404-2409	3-3	18
402	Finite-size scaling of critical cumulants near the ferromagnetic phase boundary. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1984</b> , 129, 220-224	3-3	3
401	Hard-triangle magnetic exponent through phenomenological renormalization along the coexistence line. <b>1984</b> , 103, 81-83		2
400	Spin systems on hierarchical lattices. II. Some examples of soluble models. <i>Physical Review B</i> , <b>1984</b> , 30, 244-249	3-3	94
399	Interfacial adsorption in the two-dimensional Blume-Capel model. <b>1984</b> , 17, 3019-3027		37
398	Finite-size scaling at first-order phase transitions. <i>Physical Review B</i> , <b>1984</b> , 30, 1477-1485	3-3	466
397	Liquid-vapor critical point of physisorbed films. <b>1984</b> , 148, 200-211		10
396	Percolation, clusters, and phase transitions in spin models. <i>Physical Review B</i> , <b>1984</b> , 29, 5103-5108	3-3	126
395	The Monte Carlo method for the study of phase transitions: A review of some recent progress. <b>1985</b> , 59, 1-55		109
394	Deconfining phase transition and the continuum limit of lattice quantum chromodynamics. <b>1985</b> , 55, 1958-1961		140
393	Critical phenomena: Some recent theoretical developments (invited). <b>1985</b> , 57, 3265-3267		2
392	Thermodynamics of monolayer formation on an impure substrate: Random-field Ising-model approach. <i>Physical Review B</i> , <b>1985</b> , 31, 4361-4368	3-3	4
391	Statistical mechanics of a fractal lattice: Renormalization-group analysis of the Sierpinski gasket. <i>Physical Review B</i> , <b>1985</b> , 32, 1614-1627	3-3	29
390	Hamiltonian studies of the Blume-Emery-Griffiths model. <i>Physical Review B</i> , <b>1985</b> , 32, 7469-7475	3-3	41
389	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

388	Mean-field theory of the Potts glass. <b>1985</b> , 55, 304-307		309
387	Critical behavior with axially correlated random bonds. <i>Physical Review B</i> , <b>1985</b> , 31, 4305-4312	3.3	28
386	Fully and partially frustrated simple cubic Ising models: a Monte Carlo study. <b>1985</b> , 18, 6239-6246		12
385	First-order transitions breaking $O(n)$ symmetry: Finite-size scaling. <i>Physical Review B</i> , <b>1985</b> , 32, 447-464	3.3	152
384	Reply to "Comment on 'Critical relaxation of the one-dimensional Blume-Emery-Griffiths model' ". <i>Physical Review B</i> , <b>1986</b> , 33, 623	3.3	2
383	Renormalization-group approach for para-hydrogen adsorbed on exfoliated graphite. <b>1986</b> , 169, 357-364		6
382	Renormalisation group study of the (2+1) dimensional Potts model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1986</b> , 135, 347-358	3.3	3
381	The spherical-model limit in a random field. <b>1986</b> , 45, 99-112		6
380	Phase transitions and criticality: Finite-size effects, conformal covariance and other current problems. <b>1986</b> , 54-57, 646-648		1
379	Spin-wave corrections to single-domain behavior in finite ferromagnetic systems. <b>1986</b> , 54-57, 663-664		5
378	The nature of the transition in $d = 4$ $U(1)$ lattice gauge theory. <b>1986</b> , 172, 86-92		43
377	The deconfining phase transition in lattice quantum chromodynamics. <b>1986</b> , 43, 1105-1115		3
376	Critical exponents for high density and bootstrap percolation. <b>1986</b> , 19, 1909-1921		25
375	Hunting for the central charge of the Virasoro algebra: six- and eight-state spin models. <b>1986</b> , 19, 2439-2453		16
374	Series expansion study of first- and second-order phase transitions in a model with multispin coupling. <b>1986</b> , 19, 1189-1195		17
373	Finite-size effects at temperature-driven first-order transitions. <i>Physical Review B</i> , <b>1986</b> , 34, 1841-1852	3.3	624
372	The onset of nonrigid dynamics and the melting transition in Ar7. <i>Journal of Chemical Physics</i> , <b>1986</b> , 85, 5943-5954	3.9	192
371	Growth mode and phase transitions of multilayer nitrogen on graphite. <i>Physical Review B</i> , <b>1986</b> , 33, 413-421	3.3	32

370	Susceptibility study of physisorbed oxygen layers on graphite. <i>Physical Review B</i> , <b>1987</b> , 35, 9809-9816	3-3	31
369	Structure factors associated with melting of a p(22) ordered phase on a honeycomb lattice gas: Possible critical scattering at a first-order transition. <i>Physical Review B</i> , <b>1987</b> , 35, 6786-6791	3-3	12
368	Theory of first-order phase transitions. <b>1987</b> , 50, 783-859		775
367	Finite size effects on phase transitions. <b>1987</b> , 73, 43-67		188
366	Critical properties of an S=1 multispin coupling Ising model. <b>1987</b> , 20, L245-L250		2
365	Coarse-graining approach to first-order phase transitions. <b>1987</b> , 47, 701-724		23
364	The partition function of Z(2) and Z(8) lattice gauge theory in four dimensions, a novel approach to simulations of lattice systems. <b>1987</b> , 187, 381-386		44
363	On the finite-size scaling equation for the spherical model. <b>1988</b> , 52, 143-159		19
362	Phase transitions in 2-D lattice gases [Critical phenomena of chemisorbed atoms. <b>1988</b> , 5, 40-43		2
361	Singular renormalization group transformations. <b>1988</b> , 4, 533-536		
360	The quark-gluon phase of matter. <b>1988</b> , 64, 91-109		
359	The renormalization flow in the adjoint SU(2) lattice Higgs model. <b>1988</b> , 305, 396-416		6
358	Singular renormalization group transformations and first order phase transitions (I). <b>1988</b> , 295, 1-20		31
357	Singular renormalization group transformations and first order phase transitions (II). Monte Carlo renormalization group results. <b>1988</b> , 295, 21-35		27
356	The Microcrystal Melting Transition. <b>1988</b> , 1, 249-270		40
355	Thermal disordering of the (BB)R30° structure of Al on Si(111). <b>1988</b> , 193, L53-L57		12
354	Monte Carlo renormalization-group study of the four-dimensional Z2 gauge theory. <b>1988</b> , 60, 487-490		23
353	Gaussian ensemble: An alternate Monte Carlo scheme. <b>1988</b> , 38, 6324-6337		42

352	Finite-size-scaling estimation of critical exponents in the two-dimensional axial next-nearest-neighbor Ising model. <i>Physical Review B</i> , <b>1988</b> , 38, 9172-9177	3-3	6
351	Nature of the glass transition. <i>Physical Review B</i> , <b>1988</b> , 38, 12035-12038	3-3	34
350	Diffusion percolation. I. Infinite time limit and bootstrap percolation. <b>1988</b> , 21, 1387-1404		57
349	Finite-size effects at first-order phase transitions observed in adsorbed oxygen films. <i>Physical Review B</i> , <b>1989</b> , 40, 2585-2588	3-3	11
348	Shift of first-order phase transitions in thin films due to boundary fields: A computer simulation. <i>Journal of Chemical Physics</i> , <b>1989</b> , 91, 3700-3706	3-9	57
347	Ferromagnetic $q=4,5$ Potts models on the two-dimensional Penrose and square lattices. <i>Physical Review B</i> , <b>1989</b> , 39, 4651-4658	3-3	13
346	First-Order Transition, Multicriticality and Re-entrance in a b.c.c. Lattice with Ising Spins. <b>1989</b> , 9, 755-760		14
345	The two-dimensional XY model in random hexagonal anisotropy. <b>1989</b> , 1, 3037-3040		3
344	Renormalization group study of the three state three dimensional Potts model. <b>1989</b> , 231, 157-160		14
343	QCD thermodynamics. <b>1989</b> , 9, 291-309		11
342	A phenomenological renormalization group approach to electric conductivity with application to high-Tc superconductors. <b>1989</b> , 138, 131-135		
341	A numerical study of the phase structure of the $q$ -state generalization of the hard-square model. <b>1989</b> , 54, 201-219		3
340	A study of the correlation length near a first-order phase transition: The three-dimensional three-state Potts model. <b>1989</b> , 322, 738-758		76
339	The QCD finite temperature transition and hybrid Monte Carlo. <b>1989</b> , 313, 348-376		63
338	Scaling concepts for the dynamics of viscous liquids near an ideal glassy state. <b>1989</b> , 40, 1045-1054		799
337	Monte Carlo study of finite-size effects at a weakly first-order phase transition. <i>Physical Review B</i> , <b>1989</b> , 39, 11932-11942	3-3	85
336	Order of the deconfining phase transition in SU(3) lattice gauge theory. <b>1989</b> , 63, 1768-1771		86
335	First-order phase transitions in finite-size strips with interfaces. <b>1990</b> , 78, 501-505		2

334	The critical temperature in renormalization group studies of first order phase transitions. <b>1990</b> , 236, 336-338		4
333	The magnetic critical exponent in the three-state three-dimensional Potts model. <b>1990</b> , 240, 419-422		3
332	QCD phase transitions at finite temperatures. <b>1990</b> , 17, 118-136		27
331	Renormalization group study of the three state three dimensional potts model. <b>1990</b> , 17, 165-168		
330	A 3-dimensional Z3 symmetric model: Correlation lengths at a first order phase transition. <b>1990</b> , 17, 199-203		
329	The issue of the order of the deconfining phase transition in SU(3) lattice gauge theory. <b>1990</b> , 17, 204-209		
328	Finite-size scaling of the three-state Potts model on a simple cubic lattice. <b>1990</b> , 59, 1397-1429		35
327	A rigorous theory of finite-size scaling at first-order phase transitions. <b>1990</b> , 61, 79-119		235
326	Nonsymmetric first-order transitions: Finite-size scaling and tests for infinite-range models. <b>1990</b> , 60, 551-560		34
325	An ideal polymer chain in arbitrary dimensions near an attractive site. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1990</b> , 169, 207-236	3-3	11
324	Scaling exponent for 3-state Potts model on 3-dimensional random triangle lattice. <b>1990</b> , 7, 533-536		1
323	The two-dimensional Heisenberg ferromagnet as an approach to adsorbed <sup>3</sup> He magnetism. <b>1990</b> , 2, 4161-4171		
322	Statistical thermodynamics of the cluster solid-liquid transition. <b>1990</b> , 65, 1567-1570		431
321	Surface tension in finite-temperature quantum chromodynamics. <b>1990</b> , 42, 2864-2874		67
320	Oxygen on Ru(001): Critical behavior of a p(2 x 1) order-disorder transition. <i>Physical Review B</i> , <b>1990</b> , 41, 582-589	3-3	20
319	Monte Carlo studies of finite-size effects at first-order transitions. <b>1990</b> , 24-26, 343-369		12
318	The correlation lengths and the order of the phase transition in three-dimensional Z3 symmetric models. <b>1990</b> , 329, 263-284		17
317	Finite-size scaling study of the deconfining phase transition in pure SU(3) lattice gauge theory. <b>1990</b> , 337, 181-232		96

316	Ordered structures and phase diagram of atomic hydrogen chemisorbed on ruthenium (001). <b>1991</b> , 243, 261-272		38
315	Domain walls, surface tension and wetting in the three-dimensional three-state Potts model. <b>1991</b> , 350, 563-588		12
314	Critical Exponent of Bulk Conductivity in Swiss Cheese Model. <b>1991</b> , 60, 2805-2807		9
313	Phase transition shifts in films. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1991</b> , 177, 483-488	3-3	6
312	Renormalization group flow of the two-dimensional Ising model at T. <b>1991</b> , 261, 415-423		5
311	A renormalization group study of a gauge theory: SU(3) at finite temperature. <b>1991</b> , 253, 200-204		2
310	Regularity properties and pathologies of position-space renormalization-group transformations. <b>1991</b> , 20, 48-52		4
309	The critical behaviour of the Potts model in a penalizing external field. <b>1991</b> , 20, 674-677		
308	Potts models: Density of states and mass gap from Monte Carlo calculations. <i>Physical Review B</i> , <b>1991</b> , 43, 5846-5856	3-3	42
307	Renormalization transformations in the vicinity of first-order phase transitions: What can and cannot go wrong. <b>1991</b> , 66, 3253-3256		24
306	Finite-size scaling and Monte Carlo simulations of first-order phase transitions. <i>Physical Review B</i> , <b>1991</b> , 43, 3265-3277	3-3	247
305	Crossover from a fractal lattice to a Euclidean lattice for the thermodynamic properties of a triplet-interaction Ising model. <i>Physical Review B</i> , <b>1991</b> , 43, 13342-13347	3-3	3
304	Edge melting in low-coverage adsorbed films. <b>1992</b> , 4, 7317-7332		5
303	Finite size effects at phase transitions. <b>1992</b> , 59-125		52
302	Phase diagram and critical behavior of the adsorption system O/Ru(001): Comparison with lattice-gas models. <i>Physical Review B</i> , <b>1992</b> , 45, 1869-1877	3-3	49
301	Finite-size effects at asymmetric first-order phase transitions. <b>1992</b> , 68, 1734-1737		122
300	New method to determine first-order transition points from finite-size data. <b>1992</b> , 68, 1738-1741		66
299	Finite-size effects at the first-order phase transition in the three-dimensional Heisenberg model. <i>Physical Review B</i> , <b>1992</b> , 46, 937-943	3-3	6



298	Ferromagnetism in the XY model with random threefold anisotropy. <i>Physical Review B</i> , <b>1992</b> , 46, 242-246,3	12
297	Finite-temperature phase transition of SU(3) gauge theory on Nt=4 and 6 lattices. <b>1992</b> , 46, 4657-4667	56
296	The response of semiflexible liquid crystals to quenched random disorder. <i>Journal of Chemical Physics</i> , <b>1992</b> , 97, 578-585	3.9 17
295	Universal fluctuation-induced corrections to the Kelvin equation for capillary condensation. <b>1992</b> , 25, 275-284	28
294	A numerical study of finite-size scaling for first-order phase transitions. <b>1992</b> , 370, 773-796	37
293	Finite-size scaling study of a first-order temperature-driven symmetry-breaking structural phase transition. <b>1992</b> , 67, 471-506	11
292	Phase transitions in thermodynamics of a local lyapunov exponent for fully-developed chaotic systems. <b>1992</b> , 66, 727-754	4
291	The critical behaviour of the Potts model in a penalizing external field. <b>1992</b> , 281, 123-126	
290	Finite-size scaling and surface tension from effective one dimensional systems. <b>1992</b> , 145, 235-280	23
289	Finite-size scaling for first-order phase transitions (rigorous results). <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1993</b> , 194, 128-136	3.3 3
288	Monte Carlo Study of the Order of the Phase Transition in Ising Systems with Multispin Interactions. <b>1993</b> , 175, 459-463	4
287	Oriental ordering in quench-condensed H2 measured by ac calorimetry. <b>1993</b> , 92, 107-125	4
286	Regularity properties and pathologies of position-space renormalization-group transformations: Scope and limitations of Gibbsian theory. <b>1993</b> , 72, 879-1167	221
285	Renormalisation group calculation of thermodynamic functions in disordered Ising systems. <b>1993</b> , 124, 135-142	1
284	Finite size effects at thermally-driven first order phase transitions: A phenomenological theory of the order parameter distribution. <b>1993</b> , 91, 113-125	142
283	Rigorous analysis of renormalization-group pathologies in the 4-state clock model. <b>1993</b> , 392, 593-618	6
282	Finite-size scaling at phase coexistence. <b>1993</b> , 409, 663-683	4
281	Nonequilibrium spin models with Ising universal behaviour. <b>1993</b> , 26, 2317-2324	104

280	Coexistence of multiple phases in finite systems. <b>1993</b> , 71, 3987-3990		113
279	Finite-size effect on the first-order metal-insulator transition in VO <sub>2</sub> films grown by metal-organic chemical-vapor deposition. <i>Physical Review B</i> , <b>1993</b> , 47, 12900-12907	3.3	61
278	Accurate first-order transition points from finite-size data without power-law corrections. <i>Physical Review B</i> , <b>1993</b> , 47, 14757-14770	3.3	61
277	First-order phase transitions, the Maxwell construction, and the momentum-space renormalization group. <i>Physical Review E</i> , <b>1993</b> , 48, 3321-3332	2.4	29
276	Exact renormalization-group analysis of first-order phase transitions in clock models. <i>Physical Review B</i> , <b>1993</b> , 48, 3626-3632	3.3	8
275	Phase-transition temperature in finite systems. <i>Physical Review B</i> , <b>1993</b> , 48, 9636-9643	3.3	1
274	Russell et al. reply. <b>1993</b> , 70, 1352		2
273	Finite-size analysis of two-dimensional U(1) lattice gauge theories. <b>1994</b> , 27, 3707-3714		1
272	Scaling theory for the quantum spin-glass transition. <i>Physical Review B</i> , <b>1994</b> , 50, 13528-13532	3.3	10
271	Multiple phase coexistence in finite systems. <i>Physical Review E</i> , <b>1994</b> , 49, 1895-1908	2.4	108
270	Magnetism from the atom to the bulk in iron, cobalt, and nickel clusters. <b>1994</b> , 265, 1682-4		888
269	Melting a Copper Cluster: Critical-Droplet Theory. <b>1994</b> , 26, 51-56		42
268	Critical scattering at a marginally first order phase transition in two dimensions: the order-disorder transition of O/Ni(111)-p(2 × 2). <b>1994</b> , 307-309, 781-788		14
267	A renormalization-group study of the t-J model. <b>1994</b> , 6, 117-126		2
266	Surface-induced finite-size effects for first-order phase transitions. <b>1995</b> , 79, 43-115		30
265	Low-temperature series for renormalized operators: The ferromagnetic square-lattice Ising model. <b>1995</b> , 80, 1309-1326		3
264	An order parameter approach to coexistence in atomic clusters. <i>Journal of Chemical Physics</i> , <b>1995</b> , 102, 9673-9688	3.9	74
263	Coexistence and phase separation in clusters: From the small to the not-so-small regime. <i>Journal of Chemical Physics</i> , <b>1995</b> , 103, 3061-3070	3.9	81

262	Heat-capacity study of nematic-isotropic and nematic-smectic-A transitions for octylcyanobiphenyl in silica aerogels. <i>Physical Review E</i> , <b>1995</b> , 51, 2157-2165	2.4	93
261	Monte Carlo simulation of phase transitions in a two-dimensional random-bond Potts model. <i>Physical Review E</i> , <b>1995</b> , 52, 1377-1386	2.4	95
260	Topology and nematic ordering. I. A gauge theory. <i>Physical Review E</i> , <b>1995</b> , 52, 1778-1800	2.4	43
259	Phase Transitions and Kinetics of Ordering. <b>1996</b> , 713-807		5
258	Phase transitions in quantum chromodynamics. <b>1996</b> , 68, 473-598		123
257	On the reflectivity of polymers: Neutrons and X-rays. <b>1996</b> , 221, 267-283		98
256	Spontaneous magnetization probability distribution of a mean-field finite Ising model exhibiting a tricritical point. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1996</b> , 227, 141-157	3.3	
255	Blume-Emery-Griffiths model on the square lattice with repulsive biquadratic coupling. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1996</b> , 232, 477-486	3.3	20
254	Monte Carlo study of O(3) antiferromagnetic models in three dimensions. <i>Physical Review B</i> , <b>1996</b> , 53, 2537-2545	3.3	36
253	Thermodynamic renormalization group. <i>Physical Review E</i> , <b>1996</b> , 53, 2076-2080	2.4	
252	Quantum Hall transitions in (TMTSF) <sub>2</sub> PF <sub>6</sub> . <i>Physical Review B</i> , <b>1996</b> , 54, 16413-16416	3.3	8
251	Real-space renormalization-group study of the two-dimensional Blume-Capel model with a random crystal field. <i>Physical Review B</i> , <b>1997</b> , 56, 11673-11677	3.3	73
250	Scaling of the random-field Ising model at zero temperature. <b>1997</b> , 38, 273-278		48
249	Applications of Monte Carlo methods to statistical physics. <b>1997</b> , 60, 487-559		469
248	Three-dimensional 3-state Potts model revisited with new techniques. <b>1997</b> , 489, 679-696		73
247	A dedicated computer for Ising-like spin glass models. <b>1997</b> , 106, 10-20		5
246	Criticality of two- and three-spin Ising model in an external field on a fractal family. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1997</b> , 246, 27-44	3.3	1
245	Critical behavior in pure compact U(1) gauge theory on toroidal lattices. <b>1997</b> , 405, 126-132		3

244	Antiferromagnetic O(N) models in four dimensions. <b>1998</b> , 419, 303-310		2
243	One-flavour QCD at finite temperature. <b>1998</b> , 63, 406-408		11
242	Polchinski equation, reparameterization invariance and the derivative expansion. <b>1998</b> , 509, 662-686		41
241	Liquid-Gas Critical Behavior in a Frustrated Pyrochlore Ferromagnet. <b>1998</b> , 81, 4496-4499		137
240	Structural properties and glass transition in Aln clusters. <i>Physical Review B</i> , <b>1998</b> , 57, 4730-4735	3-3	52
239	Low-energy excitations and phase transitions in the frustrated two-dimensional XY model. <i>Physical Review B</i> , <b>1998</b> , 58, 6591-6607	3-3	8
238	Experimental determination of the phase-transition critical exponents and by integrating methods. <i>Physical Review B</i> , <b>1998</b> , 57, 3345-3355	3-3	10
237	Aperiodicity-Induced Second-Order Phase Transition in the 8-State Potts Model. <b>1998</b> , 80, 297-300		25
236	High-statistics finite size scaling analysis of U(1) lattice gauge theory with a Wilson action. <b>1998</b> , 58,		6
235	Finite Size Scaling of Metastability in First Order Transitions. <b>1998</b> , 12, 2063-2066		3
234	Four-dimensional gonihedric gauge spin system. <b>1999</b> , 46, 319-325		11
233	Extended surface disorder in the quantum Ising chain. <b>1999</b> , 32, 3907-3918		4
232	Continuous phase transition in a spin-glass model without time-reversal symmetry. <i>Physical Review E</i> , <b>1999</b> , 60, 58-68	2.4	26
231	Deconfinement phase transition in one-flavor QCD. <b>1999</b> , 60,		49
230	Scaling beyond 3D XY in the fluctuation conductivity of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <b>1999</b> , 113, 23-27		38
229	Blume-Emery-Griffiths model in a random crystal field. <i>Physical Review B</i> , <b>1999</b> , 60, 1033-1037	3-3	34
228	Phase transition of Potts model on a frustrated 3D lattice. <b>2000</b> , 87, 5905-5907		2
227	First-order transition in small-world networks. <b>2000</b> , 50, 574-579		48

226	FERRIMAGNETISM IN TWO-DIMENSIONAL MIXED-SPIN ISING MODEL. <b>2000</b> , 14, 749-758		20
225	Implications of finite-size and surface effects on nanosize intercalation materials. <i>Physical Review B</i> , <b>2000</b> , 61, 6713-6719	3-3	14
224	Partition function zeros and finite size scaling of helix-coil transitions in a polypeptide. <b>2000</b> , 84, 1836-9		70
223	Fluctuation magnetoconductivity in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> : Gaussian, three-dimensional XY, beyond three-dimensional XY, and lowest-Landau-level scaling. <i>Physical Review B</i> , <b>2001</b> , 64,	3-3	32
222	Geometric phase-transition on systems with sparse long-range connections. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2001</b> , 295, 132-139	3-3	3
221	SUE: A special purpose computer for spin glass models. <b>2001</b> , 133, 165-176		24
220	Quasiperiodic fluctuation effect on a first-order phase transition: A Monte Carlo investigation. <i>Physical Review B</i> , <b>2001</b> , 63,	3-3	1
219	Shapes of voltammogram spikes explained as resulting from the effects of finite electrode crystal sizes. <i>Journal of Chemical Physics</i> , <b>2002</b> , 117, 2914-2922	3-9	15
218	Fluctuations and bistability in a hybrid atomistic model for CO oxidation on nanofacets: An effective potential analysis. <i>Journal of Chemical Physics</i> , <b>2002</b> , 117, 7319-7328	3-9	32
217	Critical behavior of the three-state Potts model on the Sierpinski carpet. <i>Physical Review B</i> , <b>2002</b> , 65,	3-3	10
216	Surface-induced disorder and aperiodic perturbations at first-order transitions. <i>Physical Review B</i> , <b>2002</b> , 66,	3-3	11
215	Competition between exchange and anisotropy in a pyrochlore ferromagnet. <b>2002</b> , 57, 93-99		23
214	Mixed initial conditions to estimate the dynamic critical exponent in short-time Monte Carlo simulation. <b>2002</b> , 298, 325-329		40
213	Renormalization group theory of crossovers. <b>2002</b> , 363, 425-545		13
212	Observation of a liquid-gas-type transition in the pyrochlore spin ice compound Dy <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> in a magnetic field. <b>2003</b> , 90, 207205		122
211	First-Order Phase Transitions. <b>2003</b> , 111-135		11
210	The high temperature phase transition in SU(N) gauge theories. <i>Journal of High Energy Physics</i> , <b>2004</b> , 2004, 061-061	5-4	159
209	Finite size effects on thermal denaturation of globular proteins. <b>2004</b> , 93, 268107		44

208	Disorder-induced rounding of the phase transition in the large- $q$ -state Potts model. <i>Physical Review E</i> , <b>2004</b> , 69, 056112	2.4	21
207	Quantum first-order phase transitions. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2004</b> , 339, 461-468	3.3	19
206	Critical behavior of the fully frustrated $q$ -state Potts piled-up-domino model. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	6
205	Water in nanopores. I. Coexistence curves from Gibbs ensemble Monte Carlo simulations. <i>Journal of Chemical Physics</i> , <b>2004</b> , 120, 1958-72	3.9	109
204	Finite-size scaling analysis of the critical behavior of the Baxter-Wu model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2005</b> , 352, 447-458	3.3	20
203	Finite-size scaling at first- and second-order phase transitions of Baxter-Wu model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2005</b> , 355, 393-407	3.3	8
202	Finite-size effects and scaling for the thermal QCD deconfinement phase transition within the exact color-singlet partition function. <b>2005</b> , 44, 257-265		22
201	Spanning Forests and the $q$ -State Potts Model in the Limit $q \rightarrow 0$ . <b>2005</b> , 119, 1153-1281		36
200	Universal behaviour at discontinuous quantum phase transitions. <b>2005</b> , 2005, P05005		7
199	Criticality in the Burrige-Knopoff model. <i>Physical Review E</i> , <b>2005</b> , 71, 046124	2.4	10
198	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
197	STATISTICAL MECHANICS OF EQUILIBRIUM AND NONEQUILIBRIUM PHASE TRANSITIONS: THE YANG-LEE FORMALISM. <b>2005</b> , 19, 4269-4329		96
196	Density of Yang-Lee zeros and Yang-Lee edge singularity for the antiferromagnetic Ising model. <b>2005</b> , 705, 504-520		16
195	Theory of the dynamics of first-order phase transitions: unstable fixed points, exponents, and dynamical scaling. <b>2005</b> , 95, 175701		26
194	Density of Yang-Lee zeros for the Ising ferromagnet. <i>Physical Review E</i> , <b>2006</b> , 74, 011119	2.4	17
193	Exact Renormalization Group for the Brazovskii Model of Striped Patterns. <b>2006</b> , 124, 1207-1229		6
192	Finite Size Effect for the First-Order Phase Transition of the Three-Dimensional Blume-Capel Model on a Cellular Automaton. <b>2006</b> , 23, 2526-2529		9
191	Critical and tricritical singularities of the three-dimensional random-bond Potts model for large. <i>Physical Review E</i> , <b>2006</b> , 73, 026126	2.4	19

190	Thermodynamic properties of the fcc Ising antiferromagnet obtained from precision density of states calculations. <i>Physical Review B</i> , <b>2006</b> , 73,	3-3	12
189	Critical behavior of the ferromagnetic q-state Potts model in fractal dimensions: Monte Carlo simulations on Sierpinski and Menger fractal structures. <i>Physical Review B</i> , <b>2006</b> , 74,	3-3	4
188	First-order phase transition in easy-plane quantum antiferromagnets. <b>2006</b> , 97, 247201		42
187	The onset of jamming as the sudden emergence of an infinite-core cluster. <b>2006</b> , 73, 560-566		117
186	Monte Carlo simulations of two-dimensional hard core lattice gases. <i>Journal of Chemical Physics</i> , <b>2007</b> , 126, 114508	3-9	63
185	High-velocity interaction of particles with the substrate. Experiment and modeling. <b>2007</b> , 33-118		6
184	Solid-Liquid Phase Behavior in Microclusters. <b>2007</b> , 75-138		118
183	Ordering and Phase Transitions in Adsorbed Monolayers of Diatomic Molecules. <b>2007</b> , 213-394		31
182	Nonequilibrium critical relaxation at a first-order phase transition point. <b>2007</b> , 79, 56002		4
181	The spectrum of massive excitations of 3d 3-state Potts model and universality. <b>2007</b> , 767, 385-398		7
180	Screening masses in the SU(3) pure gauge theory and universality. <b>2007</b> , 785, 19-33		8
179	An analytic equation of state for Ising-like models. <b>2007</b> , 40, 901-918		5
178	Latent heat of the fcc Ising antiferromagnet. <b>2007</b> , 101, 09G102		2
177	Introduction to Simulation Techniques. <b>2007</b> , 207-260		3
176	First order phase transitions of the Potts model in fractal dimensions. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2007</b> , 379, 559-568	3-3	1
175	First-order transition features of the triangular Ising model with nearest- and next-nearest-neighbor antiferromagnetic interactions. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2007</b> , 383, 351-371	3-3	14
174	First-order quantum phase transitions. <b>2007</b> , 310, 828-834		6
173	On the cooperativity of the thermal denaturation of mini-proteins. <b>2008</b> , 91, 57-60		2

172	Monte Carlo Methods in Classical Statistical Physics. <b>2008</b> , 79-140			32
171	Hysteresis in the electronic transport of V <sub>2</sub> O <sub>3</sub> thin films: Non-exponential kinetics and range scale of phase coexistence. <b>2008</b> , 84, 47003			8
170	Scalar field theory with a nonstandard potential. <b>2008</b> , 77,			
169	Strong violation of critical phenomena universality: Wang-Landau study of the two-dimensional Blume-Capel model under bond randomness. <i>Physical Review E</i> , <b>2009</b> , 79, 011125	2.4		51
168	Frustrated further-neighbor antiferromagnetic and electron-hopping interactions in the d=3 tJ model: Finite-temperature global phase diagrams from renormalization group theory. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3		2
167	Magnetic properties of the spin-1/2 XXZ model on the Shastry-Sutherland lattice: Effect of long-range interactions. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3		32
166	Percolation transitions in scale-free networks under the Achlioptas process. <b>2009</b> , 103, 135702			140
165	Emergence of clusters in growing networks with ageing. <b>2009</b> , 2009, P04018			5
164	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
163	Criticality in the randomness-induced second-order phase transition of the triangular Ising antiferromagnet with nearest- and next-nearest-neighbor interactions. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2009</b> , 388, 4950-4958	3.3		9
162	Real space renormalization group study of the two-dimensional super-antiferromagnetic Ising model. <b>2009</b> , 373, 1606-1609			4
161	Quantum phase transitions in the interacting boson model. <b>2009</b> , 62, 210-256			150
160	First-order phase transition in a 2D random-field Ising model with conflicting dynamics. <b>2009</b> , 2009, P02058			5
159	Three-dimensional random-field Ising model phase transition in virgin Sr <sub>0.4</sub> Ba <sub>0.6</sub> Nb <sub>2</sub> O <sub>6</sub> : Overcoming aging. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3		15
158	Exotic incommensurate order of weakly coupled S=1/2 XXZ antiferromagnetic chains. <b>2009</b> , 150, 042197			1
157	Magnetic properties of S=1/2 antiferromagnetic XXZ model on the Shastry-Sutherland lattices. <b>2010</b> , 200, 022060			
156	Phase transitions and autocorrelation times in two-dimensional Ising model with dipole interactions. <b>2010</b> , 405, 1571-1579			9
155	First-order transitions from singly peaked distributions. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2010</b> , 389, 2873-2879	3.3		



154	Example of a first-order Nbl to valence-bond-solid transition in two dimensions. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	31
153	Nonequilibrium phase transitions and tricriticality in a three-dimensional lattice system with random-field competing kinetics. <i>Physical Review E</i> , <b>2010</b> , 81, 041138	2.4	18
152	Self-consistent field lattice model study on the phase behavior of physically associating polymer solutions. <i>Journal of Chemical Physics</i> , <b>2010</b> , 132, 164905	3.9	2
151	Partition function zeros of the square-lattice Ising model with nearest- and next-nearest-neighbor interactions. <i>Physical Review E</i> , <b>2010</b> , 81, 031120	2.4	13
150	Quantum phase transitions in the shapes of atomic nuclei. <b>2010</b> , 82, 2155-2212		354
149	Quantifying zigzag motion of quarks. <b>2010</b> , 81,		3
148	Scaling properties of the Baxter-Wu model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2011</b> , 390, 3369-3384	3.3	5
147	Wang-Landau study of the triangular Blume-Capel ferromagnet. <b>2011</b> , 79, 21-28		13
146	Critical discontinuous phase transition in the threshold contact process. <b>2011</b> , 44, 135002		10
145	Renormalization group analysis of the random first-order transition. <b>2011</b> , 106, 115705		34
144	Structure, Bose-Einstein condensation, and superfluidity of two-dimensional confined dipolar assemblies. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	17
143	Influence of aperiodic modulations on first-order transitions: numerical study of the two-dimensional Potts model. <i>Physical Review E</i> , <b>2011</b> , 83, 061127	2.4	3
142	Phase diagram for a zero-temperature Glauber dynamics under partially synchronous updates. <i>Physical Review E</i> , <b>2012</b> , 86, 051113	2.4	4
141	Stripe-tetragonal phase transition in the two-dimensional Ising model with dipole interactions: partition function zeros approach. <i>Physical Review E</i> , <b>2012</b> , 86, 011103	2.4	12
140	Finite-size scaling at the jamming transition. <b>2012</b> , 109, 095704		143
139	Ice polyamorphism in the minimal Mercedes-Benz model of water. <i>Journal of Chemical Physics</i> , <b>2012</b> , 137, 244503	3.9	
138	First-Order Phase Transition in a Modified Ziff-Gulari-Barshad Model with Self-oscillating Reactant Coverages. <b>2012</b> , 146, 669-686		10
137	Positive specific-heat critical exponent of a three-dimensional three-state random-bond Potts model. <b>2012</b> , 183, 1162-1171		13

136	Electric control of exchange bias training. <b>2013</b> , 111, 187204		59
135	Response of the two-dimensional kinetic Ising model under a stochastic field. <b>2013</b> , 2013, P11015		4
134	Exploiting a semi-analytic approach to study first order phase transitions. <i>Journal of Chemical Physics</i> , <b>2013</b> , 138, 014105	3.9	12
133	Baxter-Mu model in the presence of an external magnetic field. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2013</b> , 392, 2016-2024	3.3	7
132	Theory of Phase Transitions: From Magnets to Biomembranes. <b>2013</b> , 17, 237-285		10
131	Thermal QCD deconfining phase transition in a finite volume within color-singletness and excluded volume effects: a finite size scaling analysis using cumulants. <i>Canadian Journal of Physics</i> , <b>2013</b> , 91, 793-800	1.1	7
130	Wetting and interfacial adsorption in the Blume-Capel model on the square lattice. <b>2013</b> , 86, 1		16
129	Renormalization-group analysis of p-orbital Bose-Einstein condensates in a square optical lattice. <b>2013</b> , 88,		6
128	Phase structure and phase transitions in a three-dimensional SU(2) superconductor. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	13
127	Thermal QCD transition with two flavors of twisted mass fermions. <b>2013</b> , 87,		26
126	Theoretical Analyses on W(100) Surface Reconstruction Phase Transition and H Adsorption Effects by Monte Carlo Simulation. <b>2013</b> , 106, 433-444		
125	Transmuted Finite-size Scaling at First-order Phase Transitions. <b>2014</b> , 57, 68-72		6
124	Odd q-state clock spin-glass models in three dimensions, asymmetric phase diagrams, and multiple algebraically ordered phases. <i>Physical Review E</i> , <b>2014</b> , 90, 062112	2.4	15
123	Study of the antiferromagnetic Blume-Capel model by using the partition function zeros in the complex temperature plane. <i>Journal of the Korean Physical Society</i> , <b>2014</b> , 65, 436-440	0.6	8
122	Finite-size behavior near the critical point of QCD phase-transition. <b>2014</b> , 38, 104103		0
121	Multicanonical analysis of the plaquette-only goniherdic Ising model and its dual. <b>2014</b> , 888, 214-235		9
120	Nonstandard Finite-Size Scaling at First-Order Phase Transitions. <b>2014</b> , 112,		23
119	Overfrustrated and underfrustrated spin glasses in d=3 and 2: evolution of phase diagrams and chaos including spin-glass order in d=2. <i>Physical Review E</i> , <b>2014</b> , 89, 042139	2.4	20

118	Nature of the Roberge-Weiss transition in $N_f=2$ QCD with Wilson fermions. <b>2014</b> , 89,		19
117	Critical energy distribution function of the Baxter-Wu model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2014</b> , 399, 171-188	3-3	3
116	Mixed-order phase transition in a one-dimensional model. <b>2014</b> , 112, 015701		49
115	Mixed order transition and condensation in an exactly soluble one dimensional spin model. <b>2014</b> , 2014, P11001		25
114	Finite-size scaling at first-order quantum transitions. <b>2014</b> , 113, 070402		38
113	Universal scaling effects of a temperature gradient at first-order transitions. <i>Physical Review E</i> , <b>2014</b> , 89, 062132	2-4	7
112	Discontinuous phase transition in an open-ended Naming Game. <b>2015</b> , 2015, P01019		9
111	Bose-Einstein condensation and critical behavior of two-component bosonic gases. <b>2015</b> , 92,		15
110	Exponent relations at quantum phase transitions with applications to metallic quantum ferromagnets. <i>Physical Review B</i> , <b>2015</b> , 91,	3-3	31
109	Universal scaling for a quantum discontinuity critical point and quantum quenches. <i>Physical Review B</i> , <b>2015</b> , 92,	3-3	6
108	Effect of inhomogeneities and substrate on the dynamics of the metal-insulator transition in VO <sub>2</sub> thin films. <i>Physical Review B</i> , <b>2015</b> , 92,	3-3	11
107	Finite-size scaling at the first-order quantum transitions of quantum Potts chains. <i>Physical Review E</i> , <b>2015</b> , 91, 052103	2-4	17
106	Generic finite size scaling for discontinuous nonequilibrium phase transitions into absorbing states. <i>Physical Review E</i> , <b>2015</b> , 92, 062126	2-4	14
105	Quantum fluctuation-driven first-order phase transitions in optical lattices. <b>2015</b> , 92,		1
104	Three-dimensional antiferromagnetic CP(N-1) models. <i>Physical Review E</i> , <b>2015</b> , 91, 052109	2-4	19
103	Off-equilibrium scaling behaviors across first-order transitions. <i>Physical Review E</i> , <b>2015</b> , 92, 062107	2-4	10
102	Magnetic field induced switching of the antiferromagnetic order parameter in thin films of magnetoelectric chromia. <i>Physical Review B</i> , <b>2015</b> , 91,	3-3	18
101	Colloquium: Random first order transition theory concepts in biology and physics. <b>2015</b> , 87, 183-209		75

100	Monte Carlo Renormalization Group Method to Study the First-Order Phase Transition in the Complex Ferromagnet. <b>2015</b> , 32, 120501		
99	Efficient energy cumulants for the Baxter-Wu model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2015</b> , 422, 153-166	3.3	1
98	Generalized susceptibilities along the phase boundary of the three-dimensional, three-state Potts model. <b>2015</b> , 42, 015104		1
97	Variational principle for steady states of dissipative quantum many-body systems. <b>2015</b> , 114, 040402		90
96	Third Law of Thermodynamics and The Shape of the Phase Diagram for Systems With a First-Order Quantum Phase Transition. <b>2015</b> , 115, 020402		12
95	Scaling phenomena driven by inhomogeneous conditions at first-order quantum transitions. <i>Physical Review E</i> , <b>2015</b> , 91, 022108	2.4	5
94	A semi-flexible attracting-segment model of three-dimensional polymer collapse. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2015</b> , 431, 74-83	3.3	
93	Finite-size scaling and latent heat at the gonihedric first-order phase transition. <b>2015</b> , 640, 012002		2
92	World-Line Formalism: Non-Perturbative Applications. <b>2016</b> , 2, 28		3
91	A first-order antiferromagnetic-paramagnetic transition induced by structural transition in GeNCr <sub>3</sub> . <b>2016</b> , 108, 031906		16
90	Is the string theory model of critical exponents relevant to materials such as Dy <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> in relation to magnetic monopoles?. <b>2016</b> , 54, 135-136		
89	Phase transitions and ordering structures of a model of a chiral helimagnet in three dimensions. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	18
88	Stable phase separation and heterogeneity away from the coexistence curve. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	8
87	Metallic quantum ferromagnets. <b>2016</b> , 88,		151
86	Deconfining phase transition in a finite volume with massive particles: finite size and finite mass effects. <i>Canadian Journal of Physics</i> , <b>2016</b> , 94, 180-187	1.1	1
85	Thermodynamics of a spin-1/2 XYZ Heisenberg chain with a Dzyaloshinskii-Moriya interaction. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	1
84	Critical behavior of the spin-1 and spin-3/2 Baxter-Wu model in a crystal field. <i>Physical Review E</i> , <b>2017</b> , 95, 012103	2.4	5
83	Grand-canonical solution of semiflexible self-avoiding trails on the Bethe lattice. <i>Physical Review E</i> , <b>2017</b> , 95, 022132	2.4	2

82	Continuously Varying Critical Exponents Beyond Weak Universality. <b>2017</b> , 7, 45004		8
81	Hierarchy of the low-lying excitations for the (2+1)-dimensional $q=3$ Potts model in the ordered phase. <b>2017</b> , 916, 28-36		
80	Dynamic Off-Equilibrium Transition in Systems Slowly Driven across Thermal First-Order Phase Transitions. <b>2017</b> , 118, 030602		17
79	Renormalization-group theory of first-order phase transition dynamics in field-driven scalar model. <b>2017</b> , 12, 1		5
78	Fermion-induced quantum critical points in three-dimensional Weyl semimetals. <i>Physical Review B</i> , <b>2017</b> , 96,	3-3	20
77	Dynamic finite-size scaling at first-order transitions. <i>Physical Review E</i> , <b>2017</b> , 96, 012125	2-4	4
76	Criticality of the phase transition on stage two in a lattice-gas model of a graphite anode in a lithium-ion battery. <b>2017</b> , 19, 23138-23145		12
75	Landau-Ginzburg-Wilson approach to critical phenomena in the presence of gauge symmetries. <b>2017</b> , 96,		10
74	Critical Properties of the Many-Body Localization Transition. <b>2017</b> , 7,		111
73	Critical phenomena of a hybrid phase transition in cluster merging dynamics. <i>Physical Review E</i> , <b>2017</b> , 96, 042148	2-4	5
72	Anisotropic XY antiferromagnets in a field. <b>2017</b> , 226, 779-788		0
71	Plaquette Ising models, degeneracy and scaling. <b>2017</b> , 226, 749-764		12
70	Renormalization-group theory for cooling first-order phase transitions in Potts models. <i>Physical Review E</i> , <b>2017</b> , 95, 032124	2-4	6
69	Monopole-Based Scenarios of Confinement and Deconfinement in 3D and 4D. <b>2017</b> , 3, 50		5
68	Dynamical and statistical bimodality in nuclear fragmentation. <b>2018</b> , 97,		9
67	Criticality of $O(N)$ symmetric models in the presence of discrete gauge symmetries. <i>Physical Review E</i> , <b>2018</b> , 97, 012123	2-4	11
66	Finite-Size Scaling for the Baxter-Wu Model Using Block Distribution Functions. <b>2018</b> , 48, 354-363		
65	Crystalline Structure and Vacancy Ordering across a Surface Phase Transition in Sn/Cu(001). <b>2018</b> , 122, 745-756		1

64	Dynamic scaling behavior at thermal first-order transitions in systems with disordered boundary conditions. <b>2018</b> , 98,			6
63	Dynamical off-equilibrium scaling across magnetic first-order phase transitions. <b>2018</b> , 2018, 113205			2
62	Random field Ising-like effective theory of the glass transition. II. Finite-dimensional models. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3		11
61	Solution of semi-flexible self-avoiding trails on a Husimi lattice built with squares. <b>2018</b> , 51, 054001			2
60	How Does a Locally Constrained Quantum System Localize?. <b>2018</b> , 121, 085701			16
59	Finite-size scaling for discontinuous nonequilibrium phase transitions. <i>Physical Review E</i> , <b>2018</b> , 97, 060101	2.4		6
58	Three-dimensional ferromagnetic $CP^{N-1}$ models. <i>Physical Review E</i> , <b>2019</b> , 100, 022122	2.4		15
57	Three-dimensional Baxter-Wu model. <i>Physical Review E</i> , <b>2019</b> , 100, 032141	2.4		4
56	Calculation of higher-order moments by higher-order tensor renormalization group. <b>2019</b> , 236, 65-71			10
55	Shadow of complex fixed point: Approximate conformality of $Q>4$ Potts model. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3		9
54	One-dimensional two-component fermions with contact even-wave repulsion and $SU(2)$ -symmetry-breaking near-resonant odd-wave attraction. <b>2019</b> , 99,			2
53	Detecting Signals of Weakly First-order Phase Transitions in Two-dimensional Potts Models. <b>2019</b> , 88, 034006			14
52	Locating fixed points in the phase plane. <i>Physical Review E</i> , <b>2019</b> , 100, 052146	2.4		1
51	Dependence of Temperatures and Kinetic Freeze-Out Volume on Centrality in Au-Au and Pb-Pb Collisions at High Energy. <b>2020</b> , 2020, 1-15			6
50	Analogy between Thermodynamic Phase Transitions and Creeping Flows in Rectangular Cavities. <b>2020</b> , 12, 1859			
49	Phase diagram for the bisected-hexagonal-lattice five-state Potts antiferromagnet. <i>Physical Review E</i> , <b>2020</b> , 102, 032124	2.4		2
48	Lattice Glass Model in Three Spatial Dimensions. <b>2020</b> , 125, 065501			3
47	Scaling properties of the dynamics at first-order quantum transitions when boundary conditions favor one of the two phases. <i>Physical Review E</i> , <b>2020</b> , 102, 012143	2.4		4

46	Universal scaling of charge-order melting in the magnetic field-pressure-temperature landscape. <i>Physical Review B</i> , <b>2020</b> , 102,	3-3	0
45	Imaginary-field-driven phase transition for the 2D Ising antiferromagnet: A fidelity-susceptibility approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2020</b> , 555, 124731	3-3	3
44	Stealth dark matter confinement transition and gravitational waves. <b>2021</b> , 103,		4
43	Study of the effects of the curvature term in the density of states on some physical quantities characterizing the deconfining phase transition to a color-singlet QGP. <b>2021</b> , 1766, 012017		
42	Lattice Abelian-Higgs model with noncompact gauge fields. <i>Physical Review B</i> , <b>2021</b> , 103,	3-3	7
41	Reconfinement, localization, and thermal monopoles in SU(3) trace-deformed Yang-Mills theory. <b>2021</b> , 103,		4
40	The Finite Size Effects and Two-State Paradigm of Protein Folding. <b>2021</b> , 22,		1
39	Unsupervised Learning Universal Critical Behavior via the Intrinsic Dimension. <b>2021</b> , 11,		6
38	Influence of relativistic rotation on the confinement-deconfinement transition in gluodynamics. <b>2021</b> , 103,		2
37	Finite-size effects and finite-size scaling in time evolution during a colorless confining phase transition. <b>2021</b> , 96, 105302		0
36	Quantum discontinuity fixed point and renormalization group flow of the Sachdev-Ye-Kitaev model. <b>2021</b> , 3,		0
35	An entropic simulational study of the spin-1 Baxter-Wu model in a crystal field. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2021</b> , 576, 126071	3-3	1
34	Z2 topological order and first-order quantum phase transitions in systems with combinatorial gauge symmetry. <i>Physical Review B</i> , <b>2021</b> , 104,	3-3	1
33	Coherent and dissipative dynamics at quantum phase transitions. <b>2021</b> , 936, 1-110		8
32	Critical Phenomena of Chemisorbed Atoms and Reconstruction [Revisited]. <i>Springer Series in Surface Sciences</i> , <b>1988</b> , 307-339	0-4	10
31	Recent Developments in Monte-Carlo Simulations of First-Order Phase Transitions. <b>1994</b> , 29-43		5
30	Finite Size Effects, Surface Steps, and Phase Transitions. <b>1984</b> , 339-363		3
29	Monte Carlo Simulations of Spin Systems. <b>1996</b> , 10-43		14

28	Theoretical Foundations of the Monte Carlo Method and Its Applications in Statistical Physics. <i>Springer Series in Solid-state Sciences</i> , <b>2002</b> , 5-68	0.4	1
27	Theoretical Foundations of the Monte Carlo Method and Its Applications in Statistical Physics. <i>Springer Series in Solid-state Sciences</i> , <b>1988</b> , 5-67	0.4	4
26	Theoretical Foundations of the Monte Carlo Method and Its Applications in Statistical Physics. <i>Springer Series in Solid-state Sciences</i> , <b>1992</b> , 5-67	0.4	0
25	Phase transitions in a three-dimensional Ising model with cluster weight studied by Monte Carlo simulations. <i>Physical Review E</i> , <b>2021</b> , 104, 044132	2.4	
24	References. <b>2008</b> , 237-302		
23	Measurement of the Specific Heat Critical Exponent Using LEED. <i>Springer Series in Surface Sciences</i> , <b>1985</b> , 357-360	0.4	2
22	Critical Phenomena of Surface Phase Transitions: Theoretical Studies of the Structure Factor. <i>Springer Series in Surface Sciences</i> , <b>1988</b> , 475-479	0.4	
21	Finite-Size Effects at First-Order Transitions. <i>Current Physics Sources and Comments</i> , <b>1988</b> , 2, 149-181		
20	Theoretical Foundations of the Monte Carlo Method and Its Applications in Statistical Physics. <i>Springer Series in Solid-state Sciences</i> , <b>1997</b> , 5-67	0.4	
19	Study of a Mixed Hadronic-QGP System with Massive Particles. <i>Acta Physica Polonica A</i> , <b>2015</b> , 128, B-341-B344		
18	The importance of the Debye bosons (sound waves) for the lattice dynamics of solids. <b>2020</b> , 23, 59-79		3
17	The confining transition in the bosonic BMN matrix model. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	0
16	Realizing continuous cation order-to-disorder tuning in a class of high-energy spinel-type Li-ion cathodes. <i>Matter</i> , <b>2021</b> ,	12.7	6
15	An approach to the study of the thermally driven deconfinement phase transition in a finite volume through the order parameter, its derivatives, and cumulants of the probability distribution. <i>Canadian Journal of Physics</i> , <b>2020</b> , 98, 1023-1028	1.1	
14	Study of the frustrated Ising model on a square lattice based on the exact density of states. <i>Journal of the Korean Physical Society</i> , <b>2021</b> , 79, 894-902	0.6	
13	A temperature dependent ZGB-like model: Entropic sampling simulations. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2021</b> , 589, 126663	3.3	
12	Phase transition in an 1D interacting dimers: An exact and simulational study. <i>Chemical Physics</i> , <b>2022</b> , 555, 111448	2.3	
11	First-order phase transition in a two dimensional BM model.. <i>Journal of Chemical Physics</i> , <b>2022</b> , 156, 124105	1.05	0



10	Condensation and Crystal Nucleation in a Lattice Gas with a Realistic Phase Diagram.. <i>Entropy</i> , <b>2022</b> , 24,	2.8	○
9	Weakly first-order transition in an athermal lattice gas. <i>Physical Review E</i> , <b>2022</b> , 105,	2.4	
8	First-order to second-order phase transition changeover and latent heats of q -state Potts models in d =2,3 from a simple Migdal-Kadanoff adaptation. <i>Physical Review E</i> , <b>2022</b> , 105,	2.4	○
7	Finite-Size Effects Near QCD Critical Point: Quark Number Susceptibility. <i>International Journal of Theoretical Physics</i> , <b>2022</b> , 61,	1.1	
6	Emergence in Condensed Matter Physics. <b>2022</b> , 11-43		○
5	Emergence and Reduction in Physics. <b>2022</b> ,		○
4	Unsupervised machine learning approaches to the q-state Potts model. <b>2022</b> , 95,		1
3	Exact renormalization group equation for lattice Ginzburg-Landau models adapted to the solution in the local potential approximation. <b>2022</b> , 2022, 123202		○
2	The Metastable State and the Finite-Size Effect of the First-Order Phase Transition. <b>2023</b> , 15, 510		○
1	Hybrid symmetry breaking in classical spin models with subsystem symmetries. <b>2023</b> , 107,		○