

# Yutaka Okabe

## List of Publications by Year in Descending Order

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

168  
papers

3,436  
citations

29  
h-index

52  
g-index

174  
ext. papers

3,611  
ext. citations

3.3  
avg, IF

4.88  
L-index

#	Paper	IF	Citations
168	Spread of variants of epidemic disease based on the microscopic numerical simulations on networks.. <i>Scientific Reports</i> , <b>2022</b> , 12, 523	4.9	0
167	Microscopic Numerical Simulations of Epidemic Models on Networks. <i>Mathematics</i> , <b>2021</b> , 9, 932	2.3	2
166	Inverse renormalization group based on image super-resolution using deep convolutional networks. <i>Scientific Reports</i> , <b>2021</b> , 11, 9617	4.9	2
165	Machine-Learning Studies on Spin Models. <i>Scientific Reports</i> , <b>2020</b> , 10, 2177	4.9	16
164	Two-size probability-changing cluster algorithm. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2020</b> , 53, 505002	2	
163	A Mathematical Model of Epidemics A Tutorial for Students. <i>Mathematics</i> , <b>2020</b> , 8, 1174	2.3	8
162	Machine-learning study using improved correlation configuration and application to quantum Monte Carlo simulation. <i>Physical Review E</i> , <b>2020</b> , 102, 021302	2.4	4
161	Comparison of diluted antiferromagnetic Ising models on frustrated lattices in a magnetic field. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2019</b> , 383, 1229-1234	2.3	4
160	Large peaks in the entropy of the diluted nearest-neighbor spin-ice model on the pyrochlore lattice in a [111] magnetic field. <i>Physical Review E</i> , <b>2019</b> , 99, 022138	2.4	3
159	Berezinskii-Kosterlitz-Thouless transition on regular and Villain types of q-state clock models. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2019</b> , 52, 275002	2	13
158	Husimi-cactus approximation study on the diluted spin ice. <i>Physical Review E</i> , <b>2018</b> , 97, 042132	2.4	0
157	Large-scale calculation of ferromagnetic spin systems on the pyrochlore lattice. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2017</b> , 381, 707-712	2.3	5
156	Interplay of dilution and magnetic field in the nearest-neighbor spin-ice model on the pyrochlore lattice. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	6
155	Entropy of diluted antiferromagnetic Ising models on frustrated lattices using the Wang-Landau method. <i>Physical Review E</i> , <b>2017</b> , 95, 052132	2.4	5
154	Application of Monte Carlo simulation with block-spin transformation based on the Mumford-Shah segmentation model to three-dimensional biomedical images. <i>Computer Vision and Image Understanding</i> , <b>2016</b> , 152, 176-189	4.3	3
153	Improved CUDA programs for GPU computing of Swendsen-Wang multi-cluster spin flip algorithm: 2D and 3D Ising, Potts, and XY models. <i>Computer Physics Communications</i> , <b>2016</b> , 200, 400-401	4.2	4
152	High-Precision Monte Carlo Simulation of the Ising Models on the Penrose Lattice and the Dual Penrose Lattice. <i>Journal of the Physical Society of Japan</i> , <b>2016</b> , 85, 044004	1.5	4

151	Comparison of multi-label graph cuts method and Monte Carlo simulation with block-spin transformation for the piecewise constant Mumford-Bhah segmentation model. <i>Computer Vision and Image Understanding</i> , <b>2014</b> , 119, 15-26	4.3	4
150	CUDA programs for the GPU computing of the Swendsen-Wang multi-cluster spin flip algorithm: 2D and 3D Ising, Potts, and XY models. <i>Computer Physics Communications</i> , <b>2014</b> , 185, 1038-1043	4.2	12
149	Dynamically optimized Wang-Landau sampling with adaptive trial moves and modification factors. <i>Physical Review E</i> , <b>2013</b> , 88, 053302	2.4	5
148	Multi-GPU-based Swendsen-Wang multi-cluster algorithm for the simulation of two-dimensional q-state Potts model. <i>Computer Physics Communications</i> , <b>2013</b> , 184, 40-44	4.2	8
147	GPU-based Swendsen-Wang multi-cluster algorithm for the simulation of two-dimensional classical spin systems. <i>Computer Physics Communications</i> , <b>2012</b> , 183, 1155-1161	4.2	28
146	GPU-based single-cluster algorithm for the simulation of the Ising model. <i>Journal of Computational Physics</i> , <b>2012</b> , 231, 1209-1215	4.1	16
145	Large-Scale Monte Carlo Simulation of Two-Dimensional Classical XY Model Using Multiple GPUs. <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 81, 113001	1.5	40
144	Difference of energy density of states in the Wang-Landau algorithm. <i>Physical Review E</i> , <b>2012</b> , 85, 010102.4	2.4	14
143	Poster: Multi-GPU-Based Calculation of Percolation Problem on the TSUBAME 2.0 Supercomputer <b>2012</b> ,		2
142	Phase transition of a two-dimensional generalized XY model. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2011</b> , 44, 015002	2	4
141	Monte Carlo methods for optimizing the piecewise constant Mumford-Bhah segmentation model. <i>New Journal of Physics</i> , <b>2011</b> , 13, 023004	2.9	3
140	Reply to the Comment on Phase transition of a two-dimensional generalized XY model. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2011</b> , 44, 208002	2	
139	Ab initio molecular dynamics simulation on SiN+CH and SiC+NH reactions. <i>Computational and Theoretical Chemistry</i> , <b>2011</b> , 963, 24-33	2	3
138	One-Dimensional Oxygen and Helical Oxygen Nanotubes inside Carbon Nanotubes. <i>Journal of the Physical Society of Japan</i> , <b>2010</b> , 79, 023601	1.5	14
137	Stability of critical bubble in stretched fluid of square-gradient density-functional model with triple-parabolic free energy. <i>Journal of Chemical Physics</i> , <b>2010</b> , 133, 044706	3.9	2
136	Critical properties of the edge-cubic spin model on a square lattice. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	4
135	Energy and enthalpy distribution functions for a few physical systems. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 8946-58	3.4	1
134	Entropy of Polymer Brushes in Good Solvents: A Monte Carlo Study. <i>Macromolecules</i> , <b>2007</b> , 40, 723-730	5.5	24

133	Phase diagram and string-density plateau state of the anisotropic triangular antiferromagnetic Ising model. <i>Journal of Physics Condensed Matter</i> , <b>2007</b> , 19, 145236	1.8	2
132	Convergence and refinement of the Wang-Landau algorithm. <i>Computer Physics Communications</i> , <b>2006</b> , 175, 36-40	4.2	64
131	Field-induced Berezinskii-Kosterlitz-Thouless transition and string-density plateau in the anisotropic triangular antiferromagnetic Ising model. <i>Physical Review E</i> , <b>2006</b> , 73, 035105	2.4	11
130	Mapping the Monte Carlo scheme to Langevin dynamics: a Fokker-Planck approach. <i>Physical Review Letters</i> , <b>2006</b> , 96, 067208	7.4	46
129	Global phase diagram and six-state clock universality behavior in the triangular antiferromagnetic Ising model with anisotropic next-nearest-neighbor coupling: level-spectroscopy approach. <i>Physical Review E</i> , <b>2006</b> , 74, 011104	2.4	4
128	Precessional and thermal relaxation dynamics of magnetic nanoparticles: A time-quantified Monte Carlo approach. <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 08B901	2.5	7
127	Exchange bias with interacting random antiferromagnetic grains. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	8
126	MULTISPIN CODING TECHNIQUE FOR NONEQUILIBRIUM REWEIGHTING. <i>International Journal of Modern Physics C</i> , <b>2006</b> , 17, 157-165	1.1	1
125	Monte Carlo study of the antiferromagnetic three-state Potts model with a staggered polarization field on the square lattice. <i>Journal of Physics A</i> , <b>2006</b> , 39, 9093-9105		8
124	Magnetic frustrations in the Shastry-Sutherland system ErB <sub>4</sub> . <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 596-597	2.8	67
123	Kosterlitz-Thouless transition in planar spin models with bond dilution. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	23
122	Nonequilibrium reweighting on the driven diffusive lattice gas. <i>Journal of Physics A</i> , <b>2005</b> , 38, L241-L248		3
121	Ordered water inside carbon nanotubes: formation of pentagonal to octagonal ice-nanotubes. <i>Chemical Physics Letters</i> , <b>2005</b> , 401, 534-538	2.5	245
120	Solving the master equation for extremely long time scale calculations. <i>Computer Physics Communications</i> , <b>2005</b> , 168, 159-164	4.2	4
119	Phase Transition of Two-Dimensional Diluted XY and Clock Models. <i>Progress of Theoretical Physics Supplement</i> , <b>2005</b> , 157, 132-135		
118	Level spectroscopy of the square-lattice three-state Potts model with a ferromagnetic next-nearest-neighbor coupling. <i>Physical Review E</i> , <b>2005</b> , 72, 046103	2.4	9
117	Reweighting for nonequilibrium Markov processes using sequential importance sampling methods. <i>Physical Review E</i> , <b>2005</b> , 71, 015102	2.4	19
116	Time-quantifiable Monte Carlo method for simulating a magnetization-reversal process. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	13

115	Transition-Matrix Monte Carlo Method for Quantum Systems. <i>Journal of the Physical Society of Japan</i> , <b>2004</b> , 73, 1728-1733	1.5	4
114	Phase diagram of the square-lattice three-state Potts antiferromagnet with a staggered polarization field. <i>Physical Review Letters</i> , <b>2004</b> , 93, 120601	7.4	8
113	Study of the fully frustrated clock model using the Wang-Landau algorithm. <i>Journal of Physics A</i> , <b>2004</b> , 37, 4219-4230		18
112	Basin hopping with occasional jumping. <i>Chemical Physics Letters</i> , <b>2004</b> , 399, 396-400	2.5	54
111	A one-dimensional Ising model for C70 molecular ordering in C70-peapods. <i>New Journal of Physics</i> , <b>2003</b> , 5, 127-127	2.9	14
110	Novel Monte Carlo algorithms and their applications. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2003</b> , 321, 340-350	3.3	1
109	Self-Consistent-Field Theory of Viscoelastic Behavior of Inhomogeneous Dense Polymer Systems. <i>Macromolecules</i> , <b>2003</b> , 36, 9199-9204	5.5	20
108	A Comparison of Extremal Optimization with Flat-Histogram and Equal-Hit Dynamics for Finding Spin-Glass Ground States. <i>Journal of the Physical Society of Japan</i> , <b>2003</b> , 72, 1380-1383	1.5	5
107	Application of new Monte Carlo algorithms to random spin systems. <i>Computer Physics Communications</i> , <b>2002</b> , 146, 63-68	4.2	22
106	Broad histogram relation for the bond number and its applications. <i>Physical Review E</i> , <b>2002</b> , 66, 036704	2.4	8
105	Finite-size scaling of correlation ratio and generalized scheme for the probability-changing cluster algorithm. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	40
104	Probability-Changing Cluster Algorithm: Study of Three-Dimensional Ising Model and Percolation Problem. <i>Journal of the Physical Society of Japan</i> , <b>2002</b> , 71, 1570-1575	1.5	10
103	Probability-changing cluster algorithm for two-dimensional XY and clock models. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	55
102	Crossover and self-averaging in the two-dimensional site-diluted Ising model: application of probability-changing cluster algorithm. <i>Physical Review E</i> , <b>2001</b> , 64, 036114	2.4	21
101	Universal relations in the finite-size correction terms of two-dimensional Ising models. <i>Physical Review E</i> , <b>2001</b> , 64, 035103	2.4	5
100	Probability-changing cluster algorithm for Potts models. <i>Physical Review Letters</i> , <b>2001</b> , 86, 572-5	7.4	45
99	Three-dimensional antiferromagnetic q-state Potts models: application of the Wang-Landau algorithm. <i>Journal of Physics A</i> , <b>2001</b> , 34, 8781-8794		65
98	Finite-size scaling for the Ising model on the Möbius strip and the Klein bottle. <i>Physical Review Letters</i> , <b>2001</b> , 86, 2134-7	7.4	41

97	Reducing quasi-ergodicity in a double well potential by Tsallis Monte Carlo simulation. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2000</b> , 278, 414-427	3.3	3
96	Cluster analysis of the Ising model and universal finite-size scaling. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2000</b> , 281, 233-241	3.3	2
95	Shape effects of finite-size scaling functions for anisotropic three-dimensional Ising models. <i>Journal of Physics A</i> , <b>1999</b> , 32, 7263-7271		9
94	Cluster analysis and finite-size scaling for Ising spin systems. <i>Physical Review E</i> , <b>1999</b> , 60, 2716-20	2.4	36
93	Universal finite-size scaling functions for critical systems with tilted boundary conditions. <i>Physical Review E</i> , <b>1999</b> , 59, 1585-1588	2.4	40
92	APPLICATION OF MONTE CARLO METHOD TO PHASE SEPARATION DYNAMICS OF COMPLEX SYSTEMS. <i>International Journal of Modern Physics C</i> , <b>1999</b> , 10, 1513-1520	1.1	4
91	Classical coarsening theory in heteroepitaxial systems. <i>Journal of Applied Physics</i> , <b>1999</b> , 86, 5541-5548	2.5	13
90	Application of the exchange Monte Carlo method to ordering dynamics. <i>New Journal of Physics</i> , <b>1999</b> , 1, 10-10	2.9	3
89	STATISTICAL DEPENDENCE ANALYSIS. <i>International Journal of Modern Physics C</i> , <b>1996</b> , 07, 379-387	1.1	2
88	MULTI-SPIN CODING OF THE MONTE CARLO SIMULATION OF THE THREE-STATE RANDOM POTTS MODEL AND THE BLOCK-SPIN TRANSFORMATION. <i>International Journal of Modern Physics C</i> , <b>1996</b> , 06, 747-763	1.1	4
87	UNIVERSAL FINITE-SIZE-SCALING FUNCTIONS. <i>International Journal of Modern Physics C</i> , <b>1996</b> , 07, 287-294		19
86	RECYCLE OF RANDOM SEQUENCES. <i>International Journal of Modern Physics C</i> , <b>1993</b> , 04, 569-590	1.1	11
85	Critical Phenomenon in a Neural Network Model: A Localization-Delocalization Transition of Excited Clusters. <i>Journal of the Physical Society of Japan</i> , <b>1993</b> , 62, 64-71	1.5	
84	A finite-size scaling analysis of the localization properties of one-dimensional quasiperiodic systems. <i>Journal of Physics A</i> , <b>1992</b> , 25, 5211-5221		23
83	Effect of randomness on surface critical phenomena. <i>Physical Review B</i> , <b>1992</b> , 46, 5917-5927	3.3	7
82	Order-Parameter Distribution Function and Order of the Phase Transition of the Ferromagnetic Potts Model. <i>Journal of the Physical Society of Japan</i> , <b>1992</b> , 61, 3503-3510	1.5	6
81	Monte Carlo renormalization group study of the random three-state Potts model. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1992</b> , 104-107, 209-210	2.8	3
80	Effect of randomness on surface critical phenomena by means of the 4-d expansion. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1992</b> , 104-107, 275-276	2.8	

79	Comment on Surface Critical Phenomena in Nonlinear Sigma Model <i>Journal of the Physical Society of Japan</i> , <b>1991</b> , 60, 2102-2102	1.5	1
78	Site-Dependent $^{18}\text{O}$ Substitution in $\text{YBa}_2\text{Cu}_3\text{O}_7$ Studied by Raman Scattering Measurements. <i>Japanese Journal of Applied Physics</i> , <b>1990</b> , 29, L50-L52	1.4	5
77	Ising model on an icosahedral quasilattice. <i>Journal of Physics A</i> , <b>1990</b> , 23, L733S-L738S		9
76	Exact theories of m-component quadrupolar systems showing a first-order phase transition. <i>Physical Review B</i> , <b>1990</b> , 42, 10360-10380	3.3	13
75	On the Ground-State Phase Transition of the Spin $1/2$ XXZ Model on the Square Lattice. <i>Journal of the Physical Society of Japan</i> , <b>1990</b> , 59, 492-496	1.5	7
74	Critical behavior of surface-layer magnetization at bulk $T_c$ : Extraordinary transition. <i>Physical Review B</i> , <b>1989</b> , 39, 9764-9767	3.3	44
73	Photoemission study of $\text{Bi}_2(\text{Sr,Ca})_3\text{Cu}_2\text{O}_y$ . <i>Physical Review B</i> , <b>1989</b> , 39, 2255-2260	3.3	99
72	Ultraviolet photoemission study of single-crystal $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$ . <i>Physical Review B</i> , <b>1989</b> , 40, 2658-2661	3.3	26
71	Inverse photoemission study of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ . <i>Physical Review B</i> , <b>1989</b> , 39, 7354-7355	3.3	28
70	Band structure of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ studied by angle-resolved photoemission. <i>Physical Review B</i> , <b>1989</b> , 39, 6636-6639	3.3	196
69	Exact Diagonalization Study of the Spin $1/2$ XXZ Model on the $4\mathbb{Z}$ Square Lattice. <i>Journal of the Physical Society of Japan</i> , <b>1989</b> , 58, 679-683	1.5	10
68	Comparative inverse photoemission study of high- $T_c$ superconductors. <i>Physica C: Superconductivity and Its Applications</i> , <b>1989</b> , 162-164, 1323-1324	1.3	3
67	NMR study of $^{17}\text{O}$ in high $T_c$ superconducting oxides. <i>Physica C: Superconductivity and Its Applications</i> , <b>1989</b> , 162-164, 195-196	1.3	14
66	Impurity-state-like nature of Fermi-liquid states in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ observed by photoemission and x-ray absorption. <i>Physica C: Superconductivity and Its Applications</i> , <b>1989</b> , 160, 567-570	1.3	98
65	Raman scattering measurements of site-dependent $^{18}\text{O}$ exchange in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Physica C: Superconductivity and Its Applications</i> , <b>1989</b> , 162-164, 1255-1256	1.3	2
64	Photoemission study of single crystal $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$ . <i>Physica C: Superconductivity and Its Applications</i> , <b>1989</b> , 162-164, 1319-1320	1.3	5
63	$^{17}\text{O}$ NMR study of $\text{YBa}_2\text{Cu}_3\text{O}_7$ ( $T_c=92\text{ K}$ ). <i>Physica C: Superconductivity and Its Applications</i> , <b>1989</b> , 159, 689-696	1.3	65
62	Evidence for non-metallic nature of the $\text{BiO}$ plane in $\text{Bi}_2\text{CaSr}_2\text{Cu}_2\text{O}_8$ from scanning tunnelling spectroscopy. <i>Nature</i> , <b>1989</b> , 339, 691-693	50.4	88

61	NMR study of magnetism and superconductivity in high-Tc oxides. <i>IBM Journal of Research and Development</i> , <b>1989</b> , 33, 277-285	2.5	15
60	Growth and characterization of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> single crystals. <i>Physica C: Superconductivity and Its Applications</i> , <b>1988</b> , 153-155, 425-426	1.3	6
59	Oxygen isotope effect in the superconducting Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10</sub> system. <i>Physica C: Superconductivity and Its Applications</i> , <b>1988</b> , 156, 481-484	1.3	3
58	Evidence from angle-resolved resonant photoemission for oxygen-2p nature of the Fermi-liquid states in Bi <sub>2</sub> CaSr <sub>2</sub> Cu <sub>2</sub> O <sub>8</sub> . <i>Nature</i> , <b>1988</b> , 334, 691-692	50.4	295
57	Superconductivity in heavy fermions and high Tc oxides: Similarity and dissimilarity. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1988</b> , 76-77, 527-529	2.8	3
56	Quantum Monte Carlo Simulation of the Spin 1/2 XXZ Model on the Square Lattice. <i>Journal of the Physical Society of Japan</i> , <b>1988</b> , 57, 4351-4358	1.5	99
55	Photoemission study of single-crystalline (La <sub>1-x</sub> Sr <sub>x</sub> ). <i>Physical Review B</i> , <b>1988</b> , 37, 9788-9791	3.3	79
54	Comment on "Spin dynamics in the square-lattice antiferromagnet". <i>Physical Review Letters</i> , <b>1988</b> , 61, 2971	7.4	35
53	Monte Carlo Simulation of the Ising Model on the Penrose Lattice. <i>Journal of the Physical Society of Japan</i> , <b>1988</b> , 57, 16-19	1.5	53
52	Transition Temperature Enhancement Due to Antiferromagnetic Fluctuations in High-Tc Oxide Superconductors. <i>Journal of the Physical Society of Japan</i> , <b>1988</b> , 57, 726-729	1.5	9
51	Anomalous Nuclear Relaxation and Knight Shift Behaviors of <sup>205</sup> Tl in High-Tc Tl <sub>2</sub> Ba <sub>2</sub> Ca <sub>1</sub> Cu <sub>2</sub> O <sub>8+<math>\delta</math></sub> . <i>Journal of the Physical Society of Japan</i> , <b>1988</b> , 57, 2893-2896	1.5	25
50	Duality in the Ising Model on the Quasicrystals. <i>Journal of the Physical Society of Japan</i> , <b>1988</b> , 57, 1536-1539	3.0	30
49	NMR and NQR Studies of <sup>17</sup> O and <sup>63</sup> Cu in CuO <sub>2</sub> Plane of High-Tc YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.65</sub> with T <sub>c</sub> =61 K. <i>Journal of the Physical Society of Japan</i> , <b>1988</b> , 57, 2897-2900	1.5	38
48	A Scaling Approach to Monte Carlo Renormalization Group <b>1987</b> , 78, 540-551		10
47	Growth of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> Single Crystals. <i>Japanese Journal of Applied Physics</i> , <b>1987</b> , 26, L2007-L2009	1.4	25
46	Isotope Effect in Superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> System. <i>Japanese Journal of Applied Physics</i> , <b>1987</b> , 26, L2085-L2086	1.4	38
45	Synchrotron-radiation photoemission study of the high-Tc superconductor YBa <sub>2</sub> Cu. <i>Physical Review B</i> , <b>1987</b> , 36, 5686-5689	3.3	99
44	Renormalization, self-similarity, and relaxation of order-parameter structure in critical phenomena. <i>Physical Review B</i> , <b>1987</b> , 35, 5382-5384	3.3	18



43	Novel Aspect of the Critical Temperature of One-Dimensional Charge-Density-Wave Superconductors. <i>Journal of the Physical Society of Japan</i> , <b>1987</b> , 56, 4503-4509	1.5	4
42	Cluster-Spin Quantum Monte Carlo Study of One-Dimensional Heisenberg Model. <i>Journal of the Physical Society of Japan</i> , <b>1987</b> , 56, 1963-1973	1.5	10
41	Superconducting Tc enhancement by one-dimensional charge density wave in the oxide superconductor Y-Ba-Cu-O. <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , <b>1987</b> , 148, 399-403		
40	Photoelectron spectroscopy of LnBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> (Ln=Y and Sm). <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , <b>1987</b> , 148, 476-479		1
39	Enhancement of two-dimensional superconducting Tc by one-dimensional charge density wave instability theory of the high Tc superconductor Y-Ba-Cu-O. <i>Solid State Communications</i> , <b>1987</b> , 64, 483-487	1.6	8
38	Exact Surface-Layer Magnetization of 2D Ising Models with Alternately Layered Exchange Interactions and Alternate Surface Magnetic Field Reentrant Phenomena at Surfaces $\square$ <i>Journal of the Physical Society of Japan</i> , <b>1986</b> , 55, 2627-2635	1.5	0
37	Dynamic critical behaviour of semi-infinite systems: conformal invariance and mirror theory. <i>Journal of Physics A</i> , <b>1986</b> , 19, 1041-1048		1
36	Vectorized coding for Monte Carlo simulation of the one-dimensional quantum spin system. <i>Physical Review B</i> , <b>1986</b> , 34, 7896-7900	3.3	20
35	A Simple Method of Monte Carlo Renormalization Group <b>1986</b> , 75, 192-194		14
34	General Scaling Theory of Magnetization and Susceptibility Profiles for a Semi-Infinite System <b>1986</b> , 75, 496-505		2
33	Critical Relaxation of Three-Dimensional Kinetic Ising Model. <i>Journal of the Physical Society of Japan</i> , <b>1986</b> , 55, 1359-1363	1.5	25
32	Anisotropic special transition of semi-infinite systems in the 1/n expansion. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1985</b> , 107, 41-44	2.3	6
31	Mirror theory of spin systems with a surface. <i>Journal of Physics A</i> , <b>1985</b> , 18, L557-L561		5
30	Scaling Functions for the Surface Equation of State and for the Correlation Length: Monte Carlo Study <b>1985</b> , 74, 458-467		11
29	Theory of Antiferromagnetic Superconductors in the Presence of Nonmagnetic Impurities: One-Dimensional Model <b>1985</b> , 74, 211-220		5
28	Monte Carlo Study of the Surface Critical Phenomena of the Ising Model <b>1985</b> , 73, 32-40		17
27	Monte Carlo study of critical relaxation near a surface. <i>Physical Review Letters</i> , <b>1985</b> , 55, 1220-1222	7.4	25
26	The 1/n Expansion for the Extraordinary Transition of Semi-Infinite System <b>1984</b> , 72, 736-745		20

25	Universal critical amplitude ratios and scaling functions for the semi-infinite system with a surface. <i>Physical Review B</i> , <b>1984</b> , 30, 6573-6577	3.3	7
24	High-Temperature Series Analysis for the Classical n-Vector Model with a Free Surface <b>1984</b> , 71, 714-726		30
23	Systematic Study on the Critical Amplitude ( $\nu\gamma$ ) for the Classical n-Vector Model in the High-Temperature Expansion. <i>Journal of the Physical Society of Japan</i> , <b>1984</b> , 53, 3070-3073	1.5	2
22	High-temperature expansion of surface critical exponents for the classical n-vector model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1983</b> , 95, 38-40	2.3	7
21	Surface critical exponents in the $1/n$ expansion. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1983</b> , 95, 41-43	2.3	12
20	Specific heat jump for superconducting virtual bound state alloys. <i>Solid State Communications</i> , <b>1983</b> , 46, 639-641	1.6	1
19	Three-dimensional surface critical exponents in $1/n$ expansion. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1983</b> , 31-34, 1261-1262	2.8	1
18	Some properties of superconducting virtual-bound-state alloys. <i>Physical Review B</i> , <b>1983</b> , 28, 2455-2462	3.3	6
17	Effect of nonmagnetic impurities on antiferromagnetic superconductors. <i>Physical Review B</i> , <b>1983</b> , 28, 6290-6296	3.3	14
16	Role of potential scattering in the Shiba-Rusinov theory of the magnetic impurities in superconductors. <i>Physical Review B</i> , <b>1983</b> , 28, 1320-1322	3.3	13
15	Anisotropic superconductors containing paramagnetic impurities. <i>Physical Review B</i> , <b>1983</b> , 28, 1323-1328	3.3	18
14	The $1/n$ Expansion for the n-Vector Model in the Semi-Infinite Space <b>1983</b> , 70, 1226-1239		19
13	The $1/n$ expansion for the special transition in semi-infinite systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1983</b> , 99, 54-57	2.3	10
12	Effect of Weak Randomness on Corrections to Scaling <b>1981</b> , 65, 1191-1197		
11	Critical Amplitude Ratio $\nu\gamma/\nu T$ in $1/n$ and $\epsilon$ Expansions <b>1981</b> , 66, 1959-1969		13
10	$1/n$ Expansion Up to Order $1/n^2$ . IV: Critical Amplitude Ratio $R$ <b>1979</b> , 61, 443-451		2
9	Spin-dimensionality dependence of $T_c$ in the expansion. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1978</b> , 65, 97-98	2.3	4
8	$1/n$ Expansion Up to Order $1/n^2$ . II: Critical Exponent $\nu$ for $d=3$ <b>1978</b> , 60, 1277-1286		16

7	$1/n$ Expansion Up to Order $1/n^2$ . III: Critical Exponents $\nu$ and $\nu'$ for $d=3$ <b>1978</b> , 60, 1287-1297		17
6	$1/n$ Expansion up to Order $1/n^2$ . I: Equation of State and Correlation Function <b>1978</b> , 59, 1825-1833		13
5	Comment on Effective Critical Exponents in the Spherical Limit <b>1978</b> , 60, 1227-1229		1
4	Melting of the Phase Locking of Linear Charge Density Waves in TTF-TCNQ. <i>Journal of the Physical Society of Japan</i> , <b>1977</b> , 42, 1115-1120	1.5	17
3	Third-Order Temporal Correlation of Rayleigh Scattering. <i>Journal of the Physical Society of Japan</i> , <b>1976</b> , 40, 798-803	1.5	3
2	Depinning by thermal fluctuations of the charge density wave in Peierls Fröhlich state. <i>Solid State Communications</i> , <b>1976</b> , 20, 345-348	1.6	14
1	Photoelectron statistics and autocorrelation of Rayleigh scattering. <i>Physical Review A</i> , <b>1974</b> , 10, 259-264.2.6		8