Seiji Miyashita

List of Publications by Year
in descending order

329 papers	8,183 citations	44069 48 h-index	74163 75 g-index
331 all docs	331 docs citations	331 times ranked	3524 citing authors

#	Article	IF	Citations
1	Atomistic Theory of Thermally Activated Magnetization Processes in $Nd_2Fe_{14}B$ Permanent Magnet. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2022, 69, S126-S146.	0.2	1
2	Microscopic study on the angular dependence of coercivity at zero and finite temperatures. Physical Review B, 2022, 105, .	3.2	2
3	Finite-temperature dynamical and static properties of Nd magnets studied by an atomistic modeling. AIP Advances, 2021, 11, .	1.3	4
4	Systematic survey of magnetic configurations in multilayer ferromagnet system with dipole-dipole interaction. Physical Review B, 2021, 103, .	3.2	5
5	Atomistic theory of thermally activated magnetization processes in $Nd_2Fe_{14}B$ permanent magnet. Science and Technology of Advanced Materials, 2021, 22, 658-682.	6.1	11
6	Effect of the surface magnetic anisotropy of neodymium atoms on the coercivity in neodymium permanent magnets. Physical Review B, 2021, 103, .	3.2	8
7	Tutorial on elastic interaction models for multistep spin-crossover transitions. Journal of Applied Physics, 2021, 130, 141102.	2.5	7
8	Magnetic‐Pole Flip by Millimeter Wave. Advanced Materials, 2020, 32, e2004897.	21.0	48
9	Role of atomic-scale thermal fluctuations in the coercivity. Npj Computational Materials, 2020, 6, .	8.7	24
10	Magnetic Recording: Magnetic‐Pole Flip by Millimeter Wave (Adv. Mater. 48/2020). Advanced Materials, 2020, 32, 2070361.	21.0	0
11	Dynamical aspects of magnetization reversal in the neodymium permanent magnet by a stochastic Landau-Lifshitz-Gilbert simulation at finite temperature: Real-time dynamics and quantitative estimation of coercive force. Physical Review B, 2020, 102, .	3.2	15
12	Magnetic field threshold for nucleation and depinning of domain walls in the neodymium permanent magnet Nd_2B. Physical Review B, 2020, 101, .	3.2	11
13	Construction of quantum dark soliton in one-dimensional Bose gas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 095302.	1.5	5
14	Elastic-frustration-driven unusual magnetoelastic properties in a switchable core-shell spin-crossover nanostructure. Physical Review B, 2020, 101, .	3.2	19
15	Dynamical phase transition in Floquet optical bistable systems: An approach from finite-size quantum systems. Physical Review A, 2020, 101, .	2.5	1
16	PROPERTIES AND PHASE TRANSITIONS IN FRUSTRATED ISING SYSTEMS. , 2020, , 63-112.		0
17	Nontrivial temperature dependence of ferromagnetic resonance frequency for spin reorientation transitions. Physical Review B, 2019, 100, .	3.2	12
18	Multistep spin-crossover transitions induced by the interplay between short- and long-range interactions with frustration on a triangular lattice. Physical Review B, 2019, 100, .	3.2	16

#	Article	IF	Citations
19	Characterization of localized effective spins in gapped quantum spin chains. Physical Review B, 2019, 100, .	3.2	0
20	Rapid Faraday Rotation on Îμ-Iron Oxide Magnetic Nanoparticles by Visible and Terahertz Pulsed Light. Journal of the American Chemical Society, 2019, 141, 1775-1780.	13.7	57
21	Exploration of the effects of dipole-dipole interactions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mn>2</mml:mn></mml mathvariant="normal">B</mml:mi></mml:mrow></mml:math> thin films based on a stochastic cutoff method with a novel efficient algorithm. Physical Review B, 2018, 97, .	3.2	16
22	Mechanism for subgap optical conductivity in honeycomb Kitaev materials. Physical Review B, 2018, 97, .	3.2	14
23	Diffusive real-time dynamics of a particle with Berry curvature. Physical Review B, 2018, 97, .	3.2	6
24	Perspectives of stochastic micromagnetism of Nd2Fe14B and computation of thermally activated reversal process. Scripta Materialia, 2018, 154, 259-265.	5.2	27
25	Floquetâ€"Gibbs state in open quantum systems. European Physical Journal: Special Topics, 2018, 227, 323-333.	2.6	6
26	Optical bistability in a low-photon-density regime. Physical Review A, 2018, 98, .	2.5	8
27	Multistability in an unusual phase diagram induced by the competition between antiferromagnetic-like short-range and ferromagnetic-like long-range interactions. Physical Review B, 2018, 98, .	3.2	9
28	Anisotropy of exchange stiffness based on atomic-scale magnetic properties in the rare-earth permanent magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mn>2</mml:mn></mml mathvariant="normal">B</mml:mi></mml:mrow></mml:math>. Physical Review B, 2018, 98, .	3.2	36
29	Perspectives for high-performance permanent magnets: applications, coercivity, and new materials. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2017, 8, 013002.	1.5	102
30	Atomistic-model study of temperature-dependent domain walls in the neodymium permanent magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mn>2</mml:mn></mml mathvariant="normal">B</mml:mi></mml:mrow></mml:math>. Physical Review B, 2017, 95, .	3.2	33
31	Distribution of eigenstate populations and dissipative beating dynamics in uniaxial single-spin magnets. Physical Review B, 2017, 96, .	3.2	1
32	Size and temperature dependence of the line shape of ESR spectra of the XXZ antiferromagnetic chain. Physical Review B, 2017, 95, .	3.2	3
33	Nontrivial phase diagram for an elastic interaction model of spin crossover materials with antiferromagnetic-like short-range interactions. Physical Review B, 2017, 96, .	3.2	14
34	Cluster evolution in molecular three-dimensional spin-crossover systems. Physical Review B, 2017, 96, .	3.2	25
35	Synergetic effect of spin-orbit coupling and Zeeman splitting on the optical conductivity in the one-dimensional Hubbard model. Physical Review B, 2017, 95, .	3.2	4
36	Theoretical approach for elastically driven cooperative switching of spin-crossover compounds impacted by an ultrashort laser pulse. Physical Review B, 2017, 95, .	3.2	28

#	Article	IF	Citations
37	Anomalous finite-size effect due to quasidegenerate phases in triangular antiferromagnets with long-range interactions and mapping to the generalized six-state clock model. Physical Review B, 2016, 94, .	3.2	2
38	Temperature dependence of the threshold magnetic field for nucleation and domain wall propagation in an inhomogeneous structure with grain boundary. Physical Review B, 2016, 94, .	3.2	15
39	Dynamics of open quantum spin systems: An assessment of the quantum master equation approach. Physical Review E, 2016, 94, 022126.	2.1	13
40	Monte Carlo analysis for finite-temperature magnetism of Nd_2B permanent magnet. Physical Review B, 2016, 94, .	3.2	47
41	Quantum decoherence and thermalization at finite temperature within the canonical-thermal-state ensemble. Physical Review A, 2016, 93, .	2.5	11
42	Equilibrium, metastability, and hysteresis in a model spin-crossover material with nearest-neighbor antiferromagnetic-like and long-range ferromagnetic-like interactions. Physical Review B, 2016, 93, .	3.2	20
43	Ordering phenomena of high-spin/low-spin states in stepwise spin-crossover materials described by the ANNNI model. Physical Review B, 2016, 93, .	3.2	52
44	Quantum Stoner-Wohlfarth Model. Physical Review Letters, 2016, 116, 037203.	7.8	6
45	Effective Floquet–Gibbs states for dissipative quantum systems. New Journal of Physics, 2016, 18, 053008.	2.9	55
46	Publisher's Note: Monte Carlo analysis for finite-temperature magnetism of Nd_2B permanent magnet [Phys. Rev. B **94**, 174433 (2016)]. Physical Review B, 2016, 94, .	3.2	7
47	Non-equilibrium thermo-field dynamics for anti-ferromagnetic spin system. Physica A: Statistical Mechanics and Its Applications, 2016, 446, 272-305.	2.6	1
48	Termination of the Berezinskii-Kosterlitz-Thouless phase with a new critical universality in spin-crossover systems. Physical Review B, 2015, 92, .	3.2	12
49	Computation of ESR spectra from the time evolution of the magnetization: Comparison of autocorrelation and Wiener-Khinchin-relation-based methods. Physical Review B, 2015, 92, .	3.2	5
50	Two-step asymptotics of scaled Dunkl processes. Journal of Mathematical Physics, 2015, 56, .	1.1	5
51	Realization of the thermal equilibrium in inhomogeneous magnetic systems by the Landau-Lifshitz-Gilbert equation with stochastic noise, and its dynamical aspects. Physical Review B, 2015, 91, .	3.2	32
52	Electron Transport Dynamics in Redox-Molecule-Terminated Branched Oligomer Wires on Au(111). Journal of the American Chemical Society, 2015, 137, 734-741.	13.7	49
53	Shape effects on the cluster spreading process of spin-crossover compounds analyzed within an elastic model with Eden and Kawasaki dynamics. Physical Review B, 2015, 91, .	3.2	27
54	Condition for emergence of the Floquet-Gibbs state in periodically driven open systems. Physical Review E, 2015, 91, 030101.	2.1	66

#	Article	IF	Citations
55	Possible Singlet--Triplet Transition of ESR in the Kagome-Lattice Antiferromagnet. Applied Magnetic Resonance, 2015, 46, 997-1002.	1.2	1
56	Two limiting regimes of interacting Bessel processes. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 235201.	2.1	12
57	Novel symmetry-broken phase in a driven cavity system in the thermodynamic limit. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 025501.	1.5	15
58	Doping control of realization of an extended Nagaoka ferromagnetic state from the Mott state. Physical Review B, 2014, 90, .	3.2	2
59	The Appearance of a Supersolid Phase on a Three-Dimensional Frustrated Lattice. JPSJ News and Comments, 2014, 11, 08.	0.1	0
60	Role of open boundary conditions on the hysteretic behaviour of one-dimensional spin crossover nanoparticles. Journal of Applied Physics, 2014, 115, .	2.5	11
61	Anisotropy of the molecular magnet V_{15} Hamiltonian detected by high-field electron spin resonance. Physical Review B, 2014, 89, .	3.2	13
62	Monte Carlo Studies of the Ising Antiferromagnet with a Ferromagnetic Mean-field Term. Physics Procedia, 2014, 57, 20-23.	1.2	4
63	Effect of the short-range interaction on critical phenomena in elastic interaction systems. Physical Review B, 2013, 88, .	3.2	38
64	Crossover of the roughness exponent for interface growth in systems with long-range interactions due to lattice distortion. Physical Review B, 2013, 88, .	3.2	18
65	Quantum decoherence scaling with bath size: Importance of dynamics, connectivity, and randomness. Physical Review A, 2013, 87, .	2.5	14
66	Equilibration and thermalization of classical systems. New Journal of Physics, 2013, 15, 033009.	2.9	19
67	Microscopic spin-distortion model for switchable molecular solids: Spatiotemporal study of the deformation field and local stress at the thermal spin transition. Physical Review B, 2013, 87, .	3.2	82
68	Complex magnetic phase diagram of a geometrically frustrated Sm lattice: Magnetometry and neutron diffraction study of SmPd$_2$Al$_3$. Physical Review B, 2013, 87, .	3.2	8
69	PROPERTIES AND PHASE TRANSITIONS IN FRUSTRATED ISING SYSTEMS. , 2013, , 59-105.		0
70	Properties of the low-spin high-spin interface during the relaxation of spin-crossover materials, investigated through an electro-elastic model. Journal of Chemical Physics, 2013, 139, 194706.	3.0	35
71	Comment on "Experimental Test of an Event-Based Corpuscular Model Modification as an Alternative to Quantum Mechanics". Journal of the Physical Society of Japan, 2013, 82, 086001.	1.6	1
72	Photon and spin dependence of the resonance line shape in the strong coupling regime. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 124010.	1.5	7

#	Article	IF	Citations
73	Proposal for an Interference Experiment to Test the Applicability of Quantum Theory to Event-Based Processes. Journal of the Physical Society of Japan, 2012, 81, 034001.	1.6	7
74	ESR intensity and the Dzyaloshinsky-Moriya interaction of the nanoscale molecular magnet V<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>15</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 86, .	3.2	7
75	Quantum simulations and experiments on Rabi oscillations of spin qubits: Intrinsic vs extrinsic damping. Physical Review B, 2012, 85, .	3.2	35
76	Monte Carlo Metropolis study of cluster evolution in spin-crossover solids within the framework of a mechanoelastic model. Physical Review B, 2012, 86, .	3.2	60
77	Critical temperature and correlation length of an elastic interaction model for spin-crossover materials. Physical Review B, 2012, 85, .	3.2	33
78	Interacting particles on the line and Dunkl intertwining operator of type <i>A</i>: application to the freezing regime. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 395201.	2.1	17
79	Effect of Dzyaloshinskiiâˆ'Moriya interactions on Kagome anti-ferromagnetic clusters. Journal of Physics and Chemistry of Solids, 2012, 73, 374-383.	4.0	2
80	Survival probability and saturation energy in periodically driven quantum chaotic systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1777-1780.	2.1	0
81	Noise effects in a finite-size Ising-like model. Physical Review E, 2011, 84, 031126.	2.1	15
82	Quantum Dynamics Under Time-Dependent External Fields. Journal of Computational and Theoretical Nanoscience, 2011, 8, 919-936.	0.4	3
83	A modified Mach-Zehnder experiment to test the applicability of quantum theory to single-particle experiments. Proceedings of SPIE, 2011, , .	0.8	0
84	Macroscopic nucleation phenomena in continuum media with long-range interactions. Scientific Reports, 2011, 1, 162.	3.3	61
85	Quantum field induced orderings in fully frustrated Ising spin systems. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 766-768.	2.7	2
86	Crossover between a short-range and a long-range Ising model. Physical Review B, 2011, 84, .	3.2	31
87	Counterion Condensation and Self-Condensation of Single Polyelectrolytes. Journal of the Physical Society of Japan, 2010, 79, 013801.	1.6	1
88	Comparison among various expressions of complex admittance for quantum systems in contact with a heat reservoir. Physical Review E, 2010, 81, 031131.	2.1	20
89	Event-by-event simulation of quantum phenomena. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 298-302.	2.7	3
90	Approach to Equilibrium in Nano-scale Systems at Finite Temperature. Journal of the Physical Society of Japan, 2010, 79, 124005.	1.6	25

#	ARTICLE	IF	CITATIONS
91	Phase transition in spin systems with various types of fluctuations. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2010, 86, 643-666.	3.8	15
92	Nonmonotonic dynamics in a frustrated Ising model with time-dependent transverse field. Physical Review E, 2010, 81, 051138.	2.1	7
93	Electron spin resonance in $S = \frac{1}{2}$ antiferromagnet at high temperature. Physical Review B, 2010, 81, .	3.2	32
94	Magnetic strong coupling in a spin-photon system and transition to classical regime. Physical Review B, 2010, 82, .	3.2	80
95	Asymptotic forms and scaling properties of the relaxation time near threshold points in spinodal-type dynamical phase transitions. Physical Review E, 2010, 81, 011135.	2.1	31
96	Corpuscular Model of Two-Beam Interference and Double-Slit Experiments with Single Photons. Journal of the Physical Society of Japan, 2010, 79, 074401.	1.6	16
97	Intrinsic effects of the boundary condition on switching processes in effective long-range interactions originating from local structural change. Physical Review B, 2010, 82, .	3.2	60
98	Cluster evolution in spin crossover systems observed in the frame of a mechano-elastic model. Europhysics Letters, 2010, 91, 27003.	2.0	66
99	Symmetry for the nonadiabatic transition in Floquet states. Physical Review A, 2010, 81, .	2.5	10
100	Roles of Quantum Fluctuation in Frustrated Systems â€" Order by Disorder and Reentrant Phase Transition. Lecture Notes in Physics, 2010, , 215-234.	0.7	2
101	Publisher's Note: Master equation approach to line shape in dissipative systems [Phys. Rev. E80, 021128 (2009)]. Physical Review E, 2009, 80, .	2.1	0
102	Nagaoka ferromagnetism in large-spin fermionic and bosonic systems. Physical Review B, 2009, 80, .	3.2	6
103	Quantum spinodal phenomena. Physical Review B, 2009, 79, .	3.2	5
104	Master equation approach to line shape in dissipative systems. Physical Review E, 2009, 80, 021128.	2.1	35
105	QUANTUM PHASE TRANSITION OF A TRIANGULAR LATTICE SPIN TUBE AND EDGE SPIN EFFECTS. International Journal of Modern Physics C, 2009, 20, 1423-1430.	1.7	3
106	Threshold phenomena under photoexcitation of spin-crossover materials with cooperativity due to elastic interactions. Physical Review B, 2009, 80, .	3.2	36
107	Successive phase transitions at finite temperatures toward the supersolid state in a three-dimensional extended Bose-Hubbard model. Physical Review B, 2009, 79, .	3.2	29
108	New type of ordering process with volume change of molecules in the spin-crossover transition, and its new aspects of dynamical processes. Journal of Physics: Conference Series, 2009, 148, 012027.	0.4	7

#	Article	IF	Citations
109	Molecular dynamics study of thermal expansion and compression in spin-crossover solids using a microscopic model of elastic interactions. Physical Review B, 2009, 79, .	3.2	43
110	Two-Electron Reduction of a Rhâˆ'Moâˆ'Rh Dithiolato Complex To Form a Triplet Ground State Associated with a Change in CO Coordination Mode. Journal of the American Chemical Society, 2009, 131, 1388-1389.	13.7	30
111	Dynamical property of nucleation in spin crossover depending on the system boundary. Journal of Physics: Conference Series, 2009, 148, 012034.	0.4	2
112	Quantum response to time-dependent external fields. Journal of Physics: Conference Series, 2009, 143, 012005.	0.4	6
113	Mechanism of Slow Relaxation due to Screening Effect in a Frustrated System. Journal of the Physical Society of Japan, 2009, 78, 084002.	1.6	5
114	Event-by-event Simulation of EPR-Bohm Experiments. Springer Proceedings in Physics, 2009, , 66-70.	0.2	0
115	Simulational Study on the Linear Response for Huge Hamiltonians: Temperature Dependence of the ESR of a Nanomagnet. Springer Proceedings in Physics, 2009, , 102-105.	0.2	0
116	Molecular Dynamics and Transfer Integral Investigations of an Elastic Anharmonic Model for Phonon-Induced Spin Crossover. Physical Review Letters, 2008, 100, 177206.	7.8	45
117	Monte Carlo Simulation of Pressure-Induced Phase Transitions in Spin-Crossover Materials. Physical Review Letters, 2008, 100, 067206.	7.8	108
118	Many-Body Interactions in Condensed-Matters. AIP Conference Proceedings, 2008, , .	0.4	0
119	Adiabatic Change from Mott Insulator to Nagaoka Ferromagnetic State. Progress of Theoretical Physics, 2008, 120, 785-792.	2.0	11
120	Structure of energy-level degeneracy of a single-spin model from a viewpoint of symmetry of the spin anisotropy and its nontrivial spin dependence on the higher-order anisotropy. Physical Review B, 2008, 78, .	3.2	4
121	Realization of the mean-field universality class in spin-crossover materials. Physical Review B, 2008, 77, .	3.2	113
122	Dynamics of the Density Matrix in Contact with a Thermal Bath and the Quantum Master Equation. Journal of the Physical Society of Japan, 2008, 77, 124005.	1.6	39
123	Slow relaxation process in Ising-like Heisenberg kagome antiferromagnets due to macroscopic degeneracy in the ordered state. Journal of Physics Condensed Matter, 2007, 19, 145256.	1.8	4
124	Domain-wall dynamics near a quantum critical point. Physical Review B, 2007, 75, .	3.2	6
125	Size-dependent low-energy excitations in an alternating spin-1/spin-12antiferromagnetic chain: Spin-wave theory and density-matrix renormalization-group studies. Physical Review B, 2007, 76, .	3.2	14
126	Nonmonotonic Relaxation in Systems with Reentrant-Type Interaction. Journal of the Physical Society of Japan, 2007, 76, 083001.	1.6	6

#	Article	IF	Citations
127	Event-Based Computer Simulation Model of Aspect-Type Experiments Strictly Satisfying Einstein's Locality Conditions. Journal of the Physical Society of Japan, 2007, 76, 104005.	1.6	38
128	Conveyance of Quantum Particles by a Moving Potential Well. Journal of the Physical Society of Japan, 2007, 76, 104003.	1.6	9
129	Elastic interaction among transition metals in one-dimensional spin-crossover solids. Physical Review B, 2007, 75, .	3.2	79
130	Simple Two-Dimensional Model for the Elastic Origin of Cooperativity among Spin States of Spin-Crossover Complexes. Physical Review Letters, 2007, 98, 247203.	7.8	166
131	Slow Relaxation of Spin Structure in Exotic Ferromagnetic Phase of Ising-like Heisenberg Kagomé Antiferromagnets. Journal of the Physical Society of Japan, 2007, 76, 103001.	1.6	13
132	Quantum annealing effect on entropic slowing down in frustrated decorated bond system. Journal of Magnetism and Magnetic Materials, 2007, 310, e468-e470.	2.3	1
133	Magnetic ordering in relaxation processes from photoinduced magnetic state in Prussian blue analogs. Journal of Magnetism and Magnetic Materials, 2007, 310, 1455-1457.	2.3	0
134	Numerical study on structure of metastable states in prussian blue analogues and their dynamical aspects. Journal of Magnetism and Magnetic Materials, 2007, 310, 1613-1614.	2.3	1
135	Reply to comment on â€œA local realist model for correlations of the singlet state" by M.P. Seevinck and J.-Ã…. Larsson. European Physical Journal B, 2007, 58, 55-59.	1.5	11
136	Event-by-Event Simulation of Quantum Phenomena: Application to Einstein-Podolosky-Rosen-Bohm Experiments. Journal of Computational and Theoretical Nanoscience, 2007, 4, 957-991.	0.4	46
137	Clustering of high-spin molecules in spin-crossover systems and magnetic ordering in temperature cycling processes. Physical Review B, 2006, 74, .	3.2	3
138	Huge thermal hysteresis loop and a hidden stable phase in a charge-transfer phase transition ofRb0.64Mn[Fe(CN)6]0.88âˆ™1.7H2O. Physical Review B, 2006, 73, .	3.2	52
139	Van der Waalsâ€"Navier Stokes Equation for Boiling Phenomena â€"Bubble Formation by Heatingâ€". Journal of the Physical Society of Japan, 2006, 75, 024001.	1.6	1
140	ESR Intensity and Anisotropy of the Nanoscale Molecular Magnet V15. AIP Conference Proceedings, 2006, , .	0.4	0
141	Crystal Structures of Photo-induced Phase and Rapidly-cooled Phase in Rb0.73Mn[Fe(CN)6]0.91Â·1.4H2O Prussian Blue Analog. Journal of the Physical Society of Japan, 2006, 75, 085004.	1.6	7
142	Magnetic Properties and Metastable States in Spin-Crossover Transition of Coâ€"Fe Prussian Blue Analogues. Journal of the Physical Society of Japan, 2006, 75, 114603.	1.6	12
143	Efficient data processing and quantum phenomena: Single-particle systems. Computer Physics Communications, 2006, 174, 803-817.	7.5	5
144	A local realist model for correlations of the singlet state. European Physical Journal B, 2006, 53, 139-142.	1.5	46

#	Article	IF	Citations
145	Quantum Dynamics of Spin Wave Propagation through Domain Walls. Journal of the Physical Society of Japan, 2006, 75, 084703.	1.6	4
146	Dynamical Properties of Photoinduced Magnetism and Spin-Crossover Phenomena in Prussian Blue Analogs - Photoinduced Thermal Hysteresis of Magnetization -. Solid State Phenomena, 2006, 112, 73-80.	0.3	0
147	Temperature Dependence of ESR Intensity for the Nanoscale Molecular Magnet V15. Journal of the Physical Society of Japan, 2005, 74, 107-110.	1.6	12
148	Quantum-Fluctuation-Enhanced Ordered Phase in Blume–Capel Model. Journal of the Physical Society of Japan, 2005, 74, 2957-2960.	1.6	7
149	Dynamical properties of photoinduced magnetism and spin-crossover phenomena in Prussian blue analogs. Journal of Physics: Conference Series, 2005, 21, 61-66.	0.4	3
150	Nature of Ferrimagnetic Ground States in Quantum Spin Models. Journal of the Physical Society of Japan, 2005, 74, 71-74.	1.6	25
151	PROPERTIES AND PHASE TRANSITIONS IN FRUSTRATED ISING SYSTEMS. , 2005, , 59-105.		0
152	Spectral statistics and the Dzyaloshinsky–Moriya interaction of nanomagnet. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 538-540.	2.7	11
153	Relaxation dynamics of two-step spin-crossover. Polyhedron, 2005, 24, 2852-2856.	2.2	14
154	Dynamical Properties of Temperature Chaos and Memory Effect. Progress of Theoretical Physics Supplement, 2005, 157, 34-37.	0.1	12
155	Unified theoretical description of the thermodynamical properties of spin crossover with magnetic interactions. Physical Review B, 2005, 72, .	3.2	42
156	Dynamical aspects of photoinduced magnetism and spin-crossover phenomena in Prussian blue analogs. Physical Review B, 2005, 72, .	3.2	39
157	Structures of Metastable States in Phase Transitions with a High-Spin Low-Spin Degree of Freedom. Progress of Theoretical Physics, 2005, 114, 719-735.	2.0	65
158	Low-Energy Excitations of the S= 1/2 Quantum Spin Tube with the Triangular Lattice Structure. Progress of Theoretical Physics Supplement, 2005, 159, 297-301.	0.1	35
159	Mechanisms of Magnetic Order in a Charge Transfer Complex Mediated by Virtual Interactions Due to the Charge Fluctuation. Journal of the Physical Society of Japan, 2005, 74, 103-106.	1.6	0
160	Quantum Monte Carlo study on commensurate–incommensurate transition in the spin-1/2 XXZ chain at finite temperatures. Journal of Physics A, 2004, 37, 5295-5303.	1.6	0
161	Quantum Switching by Making Use of Adiabatic Changes: Landau–Zener–Stückelberg Mechanism and Rosen–Zener Mechanism. Japanese Journal of Applied Physics, 2004, 43, 126-131.	1.5	0
162	Ordered Phases and Phase Transitions in The Stacked Triangular Antiferromagnet CsCoCl3and CsCoBr3. Journal of the Physical Society of Japan, 2004, 73, 412-416.	1.6	36

#	ARTICLE	IF	CITATIONS
163	Energy-level diagrams of high-spin and low-spin molecules. Physica Status Solidi (B): Basic Research, 2004, 241, 1180-1185.	1.5	21
164	Dzyaloshinskii-Moriya interactions and adiabatic magnetization dynamics in molecular magnets. Physical Review B, 2004, 70, .	3.2	74
165	Theory of ferroelectric phase transition inSrTiO3induced by isotope replacement. Physical Review B, 2004, 69, .	3.2	42
166	Quantum Fluctuation-induced Phase Transition inS=1/2 XY-like Heisenberg Antiferromagnets on the Triangular Lattice. Journal of the Physical Society of Japan, 2004, 73, 1798-1804.	1.6	24
167	Nonequilibrium relaxation analysis for first-order phase transitions. Physica A: Statistical Mechanics and Its Applications, 2003, 321, 271-279.	2.6	30
168	Real time scale simulation for quantum processes in dissipative environments. Physica B: Condensed Matter, 2003, 329-333, 1142-1143.	2.7	1
169	Noise effect on resonant tunneling in the nanoscale molecular magnet (Fe8). Physica B: Condensed Matter, 2003, 329-333, 1170-1171.	2.7	2
170	Effects of quantum lattice vibration on the spin?Peierls transition. Physica B: Condensed Matter, 2003, 329-333, 874-875.	2.7	0
171	Enhancement of the thermal conductivity in the spin-Peierls system. Physica B: Condensed Matter, 2003, 329-333, 876-877.	2.7	0
172	Effective interaction range in the spin crossover phenomenon: Wajnflasz and domain models. Journal of Chemical Physics, 2003, 118, 4594-4597.	3.0	40
173	Directionally Independent Energy Gap Formation Due to the Hyperfine Interaction. Progress of Theoretical Physics, 2003, 110, 889-899.	2.0	19
174	Parity Effect in the Resonant Tunneling. Progress of Theoretical Physics, 2003, 109, 741-749.	2.0	2
175	Adiabatic Landau-Zener-Stückelberg transition with or without dissipation in the low-spin molecular systemV15. Physical Review B, 2003, 67, .	3.2	82
176	Arrhenius Monte Carlo study of two-step spin crossover:â€,â€,Equilibrium and relaxation paths. Physical Review B, 2003, 68, .	3.2	67
177	Generalized Wajnflasz Model for Charge Transfer Spin-Crossover Phenomena. Progress of Theoretical Physics, 2003, 109, 729-739.	2.0	4
178	Quantum Narrowing Effect in a Spinâ€"Peierls System with Quantum Lattice Fluctuation. Journal of the Physical Society of Japan, 2003, 72, 392-398.	1.6	7
179	Frequency Dependence of Quantum Localization in a Periodically Driven System. Journal of the Physical Society of Japan, 2003, 72, 109-110.	1.6	4
180	ESR Line Shape in Strongly Interacting Spin Systems. Journal of the Physical Society of Japan, 2003, 72, 44-52.	1.6	8

#	Article	IF	Citations
181	Effects of Dzyaloshinsky–Moriya Interaction on ESR of Shastry–Sutherland Model. Journal of the Physical Society of Japan, 2003, 72, 2350-2356.	1.6	9
182	Ordered phase and phase transitions in the three-dimensional generalized six-state clock model. Physical Review B, 2002, 66, .	3.2	9
183	Quantum Dynamics and Dissipation Effects in the Resonant Tunneling of Molecular Magnets. Progress of Theoretical Physics Supplement, 2002, 145, 370-379.	0.1	3
184	Enhancement of the Thermal Conductivity in Gapped Quantum Spin Chains. Journal of the Physical Society of Japan, 2002, 71, 2485-2488.	1.6	28
185	Physical Models for Quantum Computers. Progress of Theoretical Physics Supplement, 2002, 145, 233-242.	0.1	1
186	Frequency Dependence of Electron Spin Resonance. Progress of Theoretical Physics Supplement, 2002, 145, 286-289.	0.1	4
187	Alternating Antisymmetric Interaction in Nanoscale Iron Ring. Journal of the Physical Society of Japan, 2002, 71, 2580-2581.	1.6	12
188	Frequency Dependence of Quantum Localization in a Periodically Driven System. Journal of the Physical Society of Japan, 2002, 71, 2427-2433.	1.6	7
189	Quantum Mechanical Dynamics in Microscopic Structures. Molecular Crystals and Liquid Crystals, 2002, 379, 475-482.	0.9	2
190	Direct Numerical Analysis of ESR Line Shape in Low Dimensional Spin Systems. Molecular Crystals and Liquid Crystals, 2002, 376, 321-326.	0.9	0
191	Quantum Dynamics and Response in Nanoscale Spin Systems. Molecular Crystals and Liquid Crystals, 2002, 376, 327-334.	0.9	0
192	Low Dimensionality Observed by ESR Measurements in S=1 Spin Ladder Substance BIP-TENO (3,3â€²,5,5â€²-tetrakis(N-tert-butylaminoxyl)biphenyl). Journal of the Physical Society of Japan, 2002, 71, 2640-2643.	1.6	9
193	Magnetization process of iron cluster with ring structure. Journal of Physics and Chemistry of Solids, 2002, 63, 1519-1521.	4.0	6
194	Dynamical response of nanoscale magnet in the environment with noise. Journal of Physics and Chemistry of Solids, 2002, 63, 1523-1526.	4.0	0
195	First-order spin-Peierls transition in S=1 antiferromagnetic Heisenberg chains. Journal of Physics and Chemistry of Solids, 2002, 63, 1451-1454.	4.0	3
196	Quantum spin dynamics as a model for quantum computer operation. European Physical Journal B, 2002, 27, 15-28.	1.5	3
197	Frequency dependence of resonance in one-dimensional antiferromagnetic Heisenberg chain. , 2002, , 48-53.		0
198	Direct numerical study on ESR line shape. , 2002, , 27-32.		2

#	Article	IF	Citations
199	Dynamical process for switching between the metastable ordered magnetic state and the nonmagnetic ground state in a photoinduced phase transition. Physical Review B, 2001, 63, .	3.2	28
200	A microscopic mechanism for rejuvenation and memory effects in spin glasses. European Physical Journal B, 2001, 22, 203-211.	1.5	32
201	Quantum Tunneling in Half-Integer Spin Systems. Progress of Theoretical Physics, 2001, 106, 533-549.	2.0	40
202	Magnetization Process of Nanoscale Iron Cluster. Journal of the Physical Society of Japan, 2001, 70, 2151-2157.	1.6	18
203	Number partitioning on a quantum computer. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 290, 227-233.	2.1	9
204	Dynamical response of local magnetic structures induced by inhomogeneities to time-dependent magnetic field. Computer Physics Communications, 2001, 142, 382-386.	7.5	0
205	Nonexponential Relaxation of Magnetization at the Resonant Tunneling Point under a Fluctuating Random Noise. Journal of the Physical Society of Japan, 2001, 70, 3238-3246.	1.6	8
206	Entropy Effect on the Magnetization Process of Hexagonal XY-Like Heisenberg Antiferromagnets. Journal of the Physical Society of Japan, 2001, 70, 532-537.	1.6	17
207	Magnetic Foehn Effect in Adiabatic Transition. Journal of the Physical Society of Japan, 2001, 70, 3385-3390.	1.6	33
208	Classical correlation-length exponent in the nonuniversal quantum phase transition of a diluted Heisenberg antiferromagnet. Physical Review B, 2001, 63, .	3.2	5
209	Noise effect on the nonadiabatic transition and correction to the tunneling energy gap estimated by the Landau-Zener-Stückelberg formula. Physical Review B, 2001, 65, .	3.2	19
210	Spin-Peierls transition of the first order in $S=1$ antiferromagnetic Heisenberg chains. Physical Review B, 2001, 64, .	3.2	5
211	Phase Diagram of Ising-Like Heisenberg Model on the Triangular Lattice with Degenerate Orbital Effect. Journal of the Physical Society of Japan, 2000, 69, 2250-2260.	1.6	2
212	Quantum mechanical effects on condensed matter phenomena. Physica A: Statistical Mechanics and Its Applications, 2000, 281, 420-431.	2.6	2
213	Ground-State Phase Diagram of the Spin-$(\frac{1}{2})$-$(\frac{1}{2})$-1-1 Chain. Journal of the Physical Society of Japan, 2000, 69, 1207-1218.	1.6	11
214	Quantum Statistical Mechanics on a Quantum Computer. Progress of Theoretical Physics Supplement, 2000, 138, 489-494.	0.1	10
215	ESR of Antiferromagnetic Cluster. Journal of the Physical Society of Japan, 2000, 69, 4043-4048.	1.6	17
216	Feedback effect on Landau-Zener-Stückelberg transitions in magnetic systems. Physical Review B, 2000, 62, 13880-13883.	3.2	14

#	ARTICLE	IF	CITATIONS
217	Local magnetic structure due to inhomogeneity of interaction in $S=\frac{1}{2}$ antiferromagnetic chains. Physical Review B, 2000, 61, 4033-4040.	3.2	23
218	Quantum Phase Transition of the Randomly Diluted Heisenberg Antiferromagnet on a Square Lattice. Physical Review Letters, 2000, 84, 4204-4207.	7.8	64
219	Local magnetic structures induced by inhomogeneities of the lattice in $S=\frac{1}{2}$ bond-alternating chains and their response to a time-dependent magnetic field with noise. Physical Review B, 2000, 62, 9463-9471.	3.2	15
220	Quantum Mechanical Transitions in a Dissipative Environment. Progress of Theoretical Physics Supplement, 2000, 138, 501-506.	0.1	1
221	Quantum Phase Transition of Two-Dimensional Diluted Heisenberg Antiferromagnet. Progress of Theoretical Physics Supplement, 2000, 138, 507-512.	0.1	2
222	Energy transport in the integrable system in contact with various types of phonon reservoirs. Physical Review E, 2000, 61, 2397-2409.	2.1	80
223	Temperature Dependence of Spin and Bond Ordering in a Spin-Peierls System. Journal of the Physical Society of Japan, 2000, 69, 2634-2641.	1.6	17
224	QUANTUM MONTE CARLO STUDY OF SITE-DILUTED HEISENBERG ANTIFERROMAGNET ON A SQUARE LATTICE. International Journal of Modern Physics C, 1999, 10, 1399-1407.	1.7	1
225	Quantum Monte Carlo Study on Magnetization Processes. Journal of the Physical Society of Japan, 1999, 68, 2547-2552.	1.6	9
226	Direct Calculation of Dynamical Susceptibility in Strongly Fluctuating Quantum Spin Systems. Journal of the Physical Society of Japan, 1999, 68, 655-661.	1.6	43
227	Temperature dependence of local states due to $S=\frac{1}{2}$ impurities and their correlation in a $S=1$ Heisenberg chain. Physical Review B, 1999, 59, 13782-13787.	3.2	10
228	Transport phenomena at a critical point: Thermal conduction in the Creutz cellular automaton. Physical Review E, 1999, 59, 2783-2794.	2.1	26
229	Effects of the environment on nonadiabatic magnetization process in uniaxial molecular magnets at very low temperatures. Physical Review B, 1999, 60, 14553-14556.	3.2	22
230	Non-adiabatic transition in spin-boson model and generalization of the Landau–Zener formula. Physica A: Statistical Mechanics and Its Applications, 1999, 265, 565-583.	2.6	12
231	Existence of Saturated Ferromagnetic and Spiral States in 1D Lieb-Ferrimagnetic Models away from Half-Filling. Journal of the Physical Society of Japan, 1999, 68, 3086-3090.	1.6	10
232	RELAXATION OF METASTABLE STATES BY QUANTUM FLUCTUATION. International Journal of Modern Physics C, 1999, 10, 1419-1425.	1.7	0
233	One-dimensional Heisenberg antiferromagnet in which two $S = \frac{1}{2}$ and two $S = 1$ spins are arranged alternatively. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 647-649.	2.3	3
234	Monte Carlo simulation on the first-order melting transition of high-T_c superconductors in $B\parallel c$. Physical Review B, 1998, 58, 3438-3445.	3.2	38

#	Article	IF	Citations
235	Griffiths-McCoy Singularities in the Transverse Field Ising Model on the Randomly Diluted Square Lattice. Journal of the Physical Society of Japan, 1998, 67, 2671-2677.	1.6	21
236	Switching dynamics between the metastable ordered magnetic state and a nonmagnetic ground state: A possible mechanism for photoinduced ferromagnetism. Physical Review B, 1998, 58, 9303-9311.	3.2	47
237	Nontrivial Response of Nanoscale Uniaxial Magnets to an Alternating Field. Physical Review Letters, 1998, 80, 1525-1528.	7.8	33
238	Stochastic model of nonclassical light emission from a microcavity. Physical Review A, 1998, 57, 2046-2055.	2.5	7
239	Critical Exponents of Ising-Like Heisenberg Antiferromagnets on the Hexagonal Lattice. Journal of the Physical Society of Japan, 1998, 67, 816-824.	1.6	2
240	Ground-State and Thermodynamic Properties of the Quantum Mixed Spin-1/2-1/2-1-1 Chain. Journal of the Physical Society of Japan, 1998, 67, 1000-1013.	1.6	31
241	New Saturated Ferromagnetism in the Flat-Band Hubbard Model in High Electron Filling. Journal of the Physical Society of Japan, 1997, 66, 2123-2128.	1.6	18
242	$\hat{I}$-Function Peak in the Specific Heat of High-TcSuperconductors: Monte Carlo Simulation. Physical Review Letters, 1997, 79, 3498-3501.	7.8	95
243	Properties of New Saturated Ferromagnetism in the 1D Flat-Band Hubbard Model as the Spiral State. Journal of the Physical Society of Japan, 1997, 66, 3981-3987.	1.6	11
244	Nature of the Ordered Phase and the Critical Properties of the Three Dimensional Six-State Clock Model. Journal of the Physical Society of Japan, 1997, 66, 3411-3420.	1.6	22
245	Theory of quantum tunneling of the magnetization in magnetic particles. Physical Review B, 1997, 56, 11761-11768.	3.2	71
246	Low-lying excitations in the S = 1 antiferromagnetic Heisenberg chain. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 235, 545-550.	2.1	10
247	Simulation for the first-order vortex-lattice melting transition in high-Tc superconductors. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2057-2058.	1.2	9
248	Observation of the Energy Gap due to the Quantum Tunneling Making Use of the Landau-Zener Mechanism. Journal of the Physical Society of Japan, 1996, 65, 2734-2735.	1.6	58
249	Competition between Classical Ordered State and Quantum State in Ferromagnetic Chains Coupled by Antiferromagnetic Bonds. Journal of the Physical Society of Japan, 1996, 65, 883-886.	1.6	15
250	Hidden Order and Dimerization Transition inS=2Chains. Journal of the Physical Society of Japan, 1996, 65, 1562-1565.	1.6	16
251	On the Extrapolation of the Trotter Number in the Quantum Monte Carlo Simulation of the Magnetization Process. Journal of the Physical Society of Japan, 1996, 65, 1994-1999.	1.6	7
252	Classial and quantum solitons in the transverse field Ising model. Zeitschrift Für Physik B-Condensed Matter, 1996, 101, 275-282.	1.1	4

#	Article	IF	Citations
253	Thermal conduction in a quantum system. Physical Review E, 1996, 54, 2404-2408.	2.1	70
254	MONTE CARLO STUDIES ON FRUSTRATED QUANTUM SPIN SYSTEMS BY A NEW APPROACH TO THE NEGATIVE-SIGN PROBLEM: TRANSFER-MATRIX MONTE CARLO METHOD. International Journal of Modern Physics C, 1996, 07, 425-431.	1.7	1
255	System-Size Dependence of Statistical Behavior in Quantum System. Journal of the Physical Society of Japan, 1996, 65, 1243-1249.	1.6	20
256	Relaxation Modes in Random Spin Systems. Journal of the Physical Society of Japan, 1995, 64, 3688-3698.	1.6	53
257	Photon statistics in the extended Jaynes-Cummings model. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 203, 403-406.	2.1	7
258	Spin-ordering of the antiferromagnetic Ising model with general spin S on a triangular lattice. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1749-1750.	2.3	9
259	Thermodynamic properties of the quantum Heisenberg antiferromagnet on thekagomÃ©lattice. Physical Review B, 1995, 52, 9174-9177.	3.2	71
260	Existence of Phase Transition in Ising-like Heisenberg Antiferromagnets on the Kagome Lattice. Journal of the Physical Society of Japan, 1995, 64, 4509-4512.	1.6	29
261	Relaxation of the Spin Autocorrelation Function in the Ising Spin Glass. Journal of the Physical Society of Japan, 1995, 64, 423-429.	1.6	14
262	Dynamics of the Magnetization with an Inversion of the Magnetic Field. Journal of the Physical Society of Japan, 1995, 64, 3207-3214.	1.6	106
263	Magnetization of$S=1$ antiferromagnetic Heisenberg chains. Physical Review B, 1995, 51, 3649-3654.	3.2	20
264	Metastable Behavior in Relaxation Process of XY Fuzzy Spin Model. Progress of Theoretical Physics, 1995, 93, 47-54.	2.0	1
265	World-Line Monte Carlo Study of the Dispersion Relation of an$S=1$ Antiferromagnetic Heisenberg Chain. Journal of the Physical Society of Japan, 1994, 63, 2866-2869.	1.6	10
266	Thermodynamic Properties of Ising-Like Heisenberg Antiferromagnets with Anisotropic Coupling on the Hexagonal Lattice. Journal of the Physical Society of Japan, 1994, 63, 1916-1927.	1.6	4
267	Anisotropy effects on the magnetic properties of an$S=1$ antiferromagnetic Heisenberg chain. Physical Review B, 1994, 50, 6277-6288.	3.2	40
268	Low temperature phase of the antiferromagnetic Ising model on a stacked-triangular lattice. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 196, 101-104.	2.1	8
269	Metastable lifetimes in a kinetic Ising model: Dependence on field and system size. Physical Review E, 1994, 49, 5080-5090.	2.1	218
270	Transfer-Matrix Monte Carlo Method â€"A Practical Solution for the Negative Sign Problemâ€". Journal of the Physical Society of Japan, 1994, 63, 2449-2452.	1.6	11

#	Article	IF	Citations
271	PROPERTIES AND PHASE TRANSITIONS IN FRUSTRATED ISING SPIN SYSTEMS. , 1994, , 202-237.		0
272	Thermodynamic properties of $S=1$ antiferromagnetic Heisenberg chains as Haldane systems. Physical Review B, 1993, 48, 9528-9538.	3.2	62
273	Thermodynamic Properties of $S=1$ Antiferromagnetic Heisenberg Chains. Journal of the Physical Society of Japan, 1993, 62, 1459-1462.	1.6	17
274	Anomalous Size Dependence of Relaxation Time in the Fuzzy Spin Model: Mechanism of Slow Relaxation. Progress of Theoretical Physics, 1993, 89, 985-993.	2.0	3
275	Effects of edges in $S=1$ Heisenberg antiferromagnetic chains. Physical Review B, 1993, 48, 913-919.	3.2	117
276	Ground state of the antiferromagnetic Ising model of general spin S on a triangular lattice. Physical Review B, 1993, 47, 202-205.	3.2	48
277	Ordering process in the kinetic Ising model on the honeycomb lattice. Physical Review B, 1993, 48, 7221-7226.	3.2	12
278	A Modified Decoupled Cell Method of Quantum Monte Carlo Calculation. Progress of Theoretical Physics, 1993, 89, 1167-1173.	2.0	1
279	Anomalous Size Dependence of Relaxation Time in the Fuzzy Spin Model. Progress of Theoretical Physics, 1993, 89, 985-993.	2.0	2
280	Quantum Monte Carlo simulation of diluted Heisenberg antiferromagnets $(S=1/2)$ on the square lattice. Journal of Physics A, 1992, 25, 4745-4755.	1.6	20
281	Statistical properties of the relaxation processes of metastable states in the kinetic Ising model. Physical Review B, 1992, 46, 8886-8893.	3.2	52
282	Low-Temperature Behaviors of Antiferromagnetic Ising Model of Infinite-Spin on Triangular Lattice. Journal of the Physical Society of Japan, 1992, 61, 3114-3124.	1.6	9
283	Low- and High-Temperature Behaviors of Ferromagnetic Ising Model of Infinite-Spin. Journal of the Physical Society of Japan, 1992, 61, 308-321.	1.6	9
284	Quantum Monte Carlo study of a two-dimensional Heisenberg antiferromagnet with nonmagnetic impurities. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 863-864.	2.3	2
285	Size dependence of relaxation time in the fuzzy spin model. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1595-1596.	2.3	3
286	$S=1/2$ magnetic chains as domain wall systems. Journal of Physics Condensed Matter, 1991, 3, 2985-3006.	1.8	12
287	Structure of Ground States of Antiferromagnetic Ising Model with General-Spin on Triangular Lattice. Journal of the Physical Society of Japan, 1991, 60, 1513-1522.	1.6	16
288	Determination of the Critical Points of Antiferromagnetic Ising Model with Next Nearest Neighbour Interactions on the Triangular Lattice. Journal of the Physical Society of Japan, 1991, 60, 1523-1532.	1.6	22

#	Article	IF	Citations
289	Ground-state properties of the S=1/2 Heisenberg antiferromagnet on a triangular lattice: a numerical study of a finite cell. Journal of Physics A, 1990, 23, L1043-L1051.	1.6	7
290	Zero-temperature properties of quantum spin systems in two dimensions. Canadian Journal of Physics, 1990, 68, 1410-1418.	1.1	15
291	On the Ground-State Phase Transition of the Spin 1/2 XXZ Model on the Square Lattice. Journal of the Physical Society of Japan, 1990, 59, 492-496.	1.6	7
292	Relaxation of the Spin Autocorrelation Function in the Kinetic Ising Model with Bond Dilution. Journal of the Physical Society of Japan, 1989, 58, 3871-3874.	1.6	16
293	Thermodynamic Properties of Spin 1/2 Antiferromagnetic Heisenberg Model on the Square Lattice. Journal of the Physical Society of Japan, 1988, 57, 1934-1946.	1.6	69
294	Stretched exponential decay of the spin-correlation function in the kinetic Ising model below the critical temperature. Physical Review B, 1988, 37, 3716-3719.	3.2	36
295	MONTE CARLO STUDY OF LOW-TEMPERATURE PROPERTIES OF QUANTUM FERROMAGNETIC XY MODEL ON THE TRIANGULAR LATTICE. Journal De Physique Colloque, 1988, 49, C8-1389-C8-1390.	0.2	0
296	THERMODYNAMIC PROPERTIES OF ANTIFERROMAGNETIC HEISENBERG MODEL (S = 1/2) ON THE SQUARE LATTICE. Journal De Physique Colloque, 1988, 49, C8-1391-C8-1392.	0.2	0
297	Thermofield quantum Monte Carlo method and its applications to quantum spin systems. Physical Review B, 1987, 35, 3569-3575.	3.2	3
298	Quantum Lattice Gas Model on the Triangular Lattice. Japanese Journal of Applied Physics, 1987, 26, 849.	1.5	1
299	Monte Carlo Simulation of Quantum Heisenberg Magnets on the Triangular Lattice. Progress of Theoretical Physics, 1986, 75, 1254-1257.	2.0	35
300	Mean Field Analysis for Successive Phase Transitions of Heisenberg-Ising Antiferromagnets on the Triangular Lattices. Journal of the Physical Society of Japan, 1986, 55, 227-234.	1.6	14
301	Critical properties of an approximant of two-dimensional quantum XYZ models. Journal of Statistical Physics, 1986, 45, 183-200.	1.2	3
302	Magnetic Properties of Ising-Like Heisenberg Antiferromagnets on the Triangular Lattice. Journal of the Physical Society of Japan, 1986, 55, 3605-3617.	1.6	122
303	Magnetization Process of the Spin-1/2 Antiferromagnetic Ising-Like Heisenberg Model on the Triangular Lattice. Journal of the Physical Society of Japan, 1986, 55, 4448-4455.	1.6	66
304	Reentrant Phenomena in Some Ising Spin Systems–Rigorous Results and Effects of an External Field–. Journal of the Physical Society of Japan, 1986, 55, 865-876.	1.6	35
305	The Ground State and Thermodynamic Properties of Generalized Heisenberg Models on the Triangular Lattice. Progress of Theoretical Physics Supplement, 1986, 87, 112-126.	0.1	36
306	Reentrant phase transitions in the two-dimensional Ising model with competing nearest neighbour interactions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1985, 108, 45-49.	2.1	37

#	Article	IF	Citations
307	Monte Carlo Simulation of Nonlinear Stochastic Processes: Noise-Induced Long-Time Tail and Its Universality. Progress of Theoretical Physics, 1985, 74, 1013-1021.	2.0	4
308	Phase Transitions of Anisotropic Heisenberg Antiferromagnets on the Triangular Lattice. Journal of the Physical Society of Japan, 1985, 54, 3385-3395.	1.6	132
309	Critical Line of Two-Dimensional Spin-1/2 Pair-Product Heisenberg Model. Progress of Theoretical Physics, 1985, 73, 833-836.	2.0	3
310	Dynamical Nature of the Phase Transition of the Two-Dimensional Kinetic Ising Model. Progress of Theoretical Physics, 1985, 73, 1122-1140.	2.0	60
311	Phase Transition of the Heisenberg Antiferromagnet on the Triangular Lattice in a Magnetic Field. Journal of the Physical Society of Japan, 1985, 54, 4530-4538.	1.6	167
312	Phase Transition of the Two-Dimensional Heisenberg Antiferromagnet on the Triangular Lattice. Journal of the Physical Society of Japan, 1984, 53, 4138-4154.	1.6	291
313	Nature of the Phase Transition of the Two-Dimensional Antiferromagnetic Plane Rotator Model on the Triangular Lattice. Journal of the Physical Society of Japan, 1984, 53, 1145-1154.	1.6	298
314	Phase Transition of the Two-Dimensional Heisenberg Antiferromagnet on the Triangular Lattice. Journal of the Physical Society of Japan, 1984, 53, 9-12.	1.6	67
315	A Variational Study of the Ground State of Frustrated Quantum Spin Models. Journal of the Physical Society of Japan, 1984, 53, 44-47.	1.6	51
316	Relaxation phenomena in the kinetic Ising model below the critical temperature. Physics Letters, Section A: General, Atomic and Solid State Physics, 1983, 98, 426-430.	2.1	1
317	Effects of frustration on freezing transition. Journal of Magnetism and Magnetic Materials, 1983, 31-34, 1113-1114.	2.3	2
318	Phase Transitions on Fully Frustrated Substrates. Journal of the Physical Society of Japan, 1983, 52, 780-786.	1.6	10
319	Spin Correlation Functions on Frustrated Lattices. Progress of Theoretical Physics, 1983, 69, 714-724.	2.0	21
320	Static and dynamic properties of spin glasses. Lecture Notes in Physics, 1981, , 151-155.	0.7	1
321	Frustration and Clusters in Spin Glassesâ€"Study on the Low Temperature Phase of the Â±J Modelâ€". Journal of the Physical Society of Japan, 1981, 50, 1840-1845.	1.6	15
322	Order parameters and nonlinear susceptibilities in spin glasses. Physica A: Statistical Mechanics and Its Applications, 1981, 106, 344-354.	2.6	10
323	Monte Carlo Simulation of the Plane Rotator Model. III: Renormalization Analyses around the Critical Point. Progress of Theoretical Physics, 1981, 65, 1595-1602.	2.0	13
324	Monte Carlo Simulation of the Plane Rotator Model. II: Response to an External Field and Scaling Relations. Progress of Theoretical Physics, 1980, 63, 797-807.	2.0	27

#	Article	IF	Citations
325	Monte Carlo Simulation and Static and Dynamic Critical Behavior of the Plane Rotator Model. Progress of Theoretical Physics, 1978, 60, 1669-1685.	2.0	138
326	Variational study on the ground state of the spin XY magnet. Canadian Journal of Physics, 1978, 56, 902-912.	1.1	56
327	New Method of Monte Carlo Simulations and Phenomenological Theory of Phase Transition in the Two-Dimensional XY-Model. Progress of Theoretical Physics, 1977, 58, 701-702.	2.0	15
328	Monte Carlo Simulation of Quantum Spin Systems. I. Progress of Theoretical Physics, 1977, 58, 1377-1387.	2.0	246
329	Monte Carlo simulations of the two-dimensional quantal and classical spin systems â€" A new type of phase transition with vortices. Physics Letters, Section A: General, Atomic and Solid State Physics, 1977, 60, 478-480.	2.1	31