

Akira Oosawa

List of Publications by Year in descending order

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papers

653
citations

623734

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449
citing authors

#	ARTICLE	IF	CITATIONS
1	Microscopic Phase Separation in Triangular-Lattice Quantum Spin Magnet $\hat{\mu}$ -(BEDT-TTF) $_{2}$ Cu $_{2}$ (CN) $_{3}$ Probed by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2012, 81, 063706.	1.6	35
2	Neutron Diffraction Study of Successive Magnetic Phase Transitions of Distorted-Triangular-Lattice Antiferromagnet RbFeBr $_{3}$. Journal of the Physical Society of Japan, 2011, 80, 084711.	1.6	9
3	Bond-randomness effect on the quantum spin system probed by muon-spin-relaxation method. Physica B: Condensed Matter, 2009, 404, 590-593.	2.7	1
4	$^1\text{H-NMR}$ Spin Lattice Relaxation Rate of the Quantum Spin System $(\text{CH}_3)_2\text{CHNH}_3\text{Cu}(\text{ClxBr}_{1-x})_3$ with $x=0$ and 0.35. Journal of the Physical Society of Japan, 2009, 78, 053702.	1.6	7
5	Partial Disordered Phase of Ising Spin System in Distorted Triangular Lattice RbCoBr $_{3}$. Journal of the Physical Society of Japan, 2008, 77, 104703.	1.6	18
6	Neutron Diffraction Study of Structural Intermediate Phase IV in TlCoCl $_{3}$. Journal of the Physical Society of Japan, 2008, 77, 124601.	1.6	2
7	Magnetic field induced one-magnon Raman scattering in the magnon Bose-Einstein condensation phase of TlCuCl_3 . Physical Review B, 2008, 77, 241407.	3.2	24
8	One-Magnon Raman Scattering as a Probe of Longitudinal Excitation Mode in Spin Dimer Systems. Journal of the Physical Society of Japan, 2008, 77, 033702.	1.6	21
9	Muon spin relaxation detection of the soft mode toward the exotic magnetic ground state in the bond-disordered quantum spin system $\text{LiCu}(\text{Cl}_{0.35}\text{Br}_{0.65})_3$. Physical Review B, 2008, 78, .	3.2	24
10	High-Field Magnetic Torque Measurement in the Spin Gap System $(\text{CH}_3)_2\text{CHNH}_3\text{CuCl}_3$. Journal of the Physical Society of Japan, 2007, 76, 084708.	1.6	3
11	Pressure-Induced Magnetic Quantum Phase Transition in KCuCl_3 . Journal of the Physical Society of Japan, 2007, 76, 162-163.	1.6	1
12	Raman Scattering in TlCoCl_3 : Magnetic Parameters Obtained from Domain-Wall-Pair Excitations. Journal of the Physical Society of Japan, 2007, 76, 043713.	1.6	4
13	$^1\text{H-NMR}$ Study on the Magnetic Order in the Mixture of Two Spin Gap Systems $(\text{CH}_3)_2\text{CHNH}_3\text{CuCl}_3$ and $(\text{CH}_3)_2\text{CHNH}_3\text{CuBr}_3$. Journal of the Physical Society of Japan, 2007, 76, 064706.	1.6	20
14	The Effect of Randomness on the Quantum Spin System $\text{Tl}_{1-x}\text{K}_x\text{CuCl}_3$ with $x=0.44$ Studied by the Zero-Field Muon-Spin-Relaxation (ZF- μSR) Method. Journal of the Physical Society of Japan, 2007, 76, 074704.	1.6	8
15	Softening of Magnetic Excitations Leading to Pressure-Induced Quantum Phase Transition in Gapped Spin System KCuCl_3 . Journal of the Physical Society of Japan, 2007, 76, 053704.	1.6	12
16	$^1\text{H-NMR}$ Study of the Random Bond Effect in the Quantum Spin System $(\text{CH}_3)_2\text{CHNH}_3\text{Cu}(\text{Cl}_{1-x}\text{Br}_x)_3$. Journal of the Physical Society of Japan, 2007, 76, 083701.	1.6	7
17	Magnetic Excitations in the Quasi-1D Ising-like Antiferromagnet TlCoCl_3 . Journal of the Physical Society of Japan, 2006, 75, 015002.	1.6	8
18	Polarized Neutron Inelastic Scattering Study of Anisotropic Magnetic Fluctuations in Quasi-One-Dimensional Ising-like Antiferromagnet TlCoCl_3 . Journal of the Physical Society of Japan, 2006, 75, 074719.	1.6	7

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19	Neutron Diffraction Study of Distorted-Triangular-Lattice Ising-like Antiferromagnet TlCoCl ₃ . Journal of the Physical Society of Japan, 2006, 75, 034707.	1.6	12
20	Pressure-Induced Magnetic Quantum Phase Transition in Gapped Spin System KCuCl ₃ . Journal of the Physical Society of Japan, 2006, 75, 064703.	1.6	30
21	Muon- μ SR Spin-Relaxation Study on Single Crystals Tl _{1-x} K _x CuCl ₃ with x = 0.2. Journal of the Physical Society of Japan, 2006, 75, 025001.	1.6	15
22	Pressure-Induced Successive Magnetic Phase Transitions in the Spin Gap System TlCuCl ₃ . Journal of the Physical Society of Japan, 2004, 73, 1446-1449.	1.6	33
23	Neutron Diffraction Study of the Pressure-Induced Magnetic Ordering in the Spin Gap System TlCuCl ₃ . Journal of the Physical Society of Japan, 2003, 72, 1026-1029.	1.6	60
24	Impurity-induced antiferromagnetic ordering in the spin gap system TlCuCl ₃ . Physical Review B, 2002, 66, .	3.2	66
25	Random bond effect in the quantum spin system (Tl _{1-x} K _x)CuCl ₃ . Physical Review B, 2002, 65, .	3.2	53
26	Field-Induced Two-Step Phase Transitions in the Singlet Ground State Triangular Antiferromagnet CsFeBr ₃ . Journal of the Physical Society of Japan, 2001, 70, 3068-3075.	1.6	22
27	Observation of Field-Induced Transverse Néel Ordering in the Spin Gap System TlCuCl ₃ . Journal of the Physical Society of Japan, 2001, 70, 939-942.	1.6	146