

Akira Oosawa

List of Publications by Year in descending order

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papers

653
citations

623734

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30
docs citations

30
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Impurity-induced antiferromagnetic ordering in the spin gap system TlCuCl_3 . Physical Review B, 2002, 66, .	3.2	66
3	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
4	Random bond effect in the quantum spin system $(\text{Tl}_{1-x}\text{K}_x)\text{CuCl}_3$. Physical Review B, 2002, 65, .	3.2	53
5	Microscopic Phase Separation in Triangular-Lattice Quantum Spin Magnet $\text{P}(\text{BEDT-TTF})_2\text{Cu}_2(\text{CN})_3$ Probed by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2012, 81, 063706.	1.6	35
6	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
7	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
8	Magnetic field induced one-magnon Raman scattering in the magnon Bose-Einstein condensation phase of TlCuCl_3 . Physical Review B, 2008, 77, .	3.2	24
9	Muon spin relaxation detection of the soft mode toward the exotic magnetic ground state in the bond-disordered quantum spin system $\text{LaCu}(\text{Cl}_{0.35}\text{Br}_{0.65})_3$. Physical Review B, 2008, 78, .	3.2	24
10	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
11	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
12	$^1\text{H-NMR}$ 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
13	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
14	Muon Spin-Relaxation Study on Single Crystals $\text{Tl}_{1-x}\text{K}_x\text{CuCl}_3$ with $x = 0.2$. Journal of the Physical Society of Japan, 2006, 75, 025001.	1.6	15
15	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
16	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
17	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
18	Magnetic Excitations in the Quasi-1D Ising-like Antiferromagnet TlCoCl_3 . Journal of the Physical Society of Japan, 2006, 75, 015002.	1.6	8

#	ARTICLE	IF	CITATIONS
19	The Effect of Randomness on the Quantum Spin System $Tl_{1-x}K_xCuCl_3$ with $x=0.44$ Studied by the Zero-Field Muon-Spin-Relaxation (ZF- μ SR) Method. Journal of the Physical Society of Japan, 2007, 76, 074704.	1.6	8
20	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
21	1H -NMR Spin Lattice Relaxation Rate of the Quantum Spin System $(CH_3)_2CHNH_3Cu(Cl_xBr_{1-x})_3$ with $x=0$ and 0.35 . Journal of the Physical Society of Japan, 2009, 78, 053702.	1.6	7
22	1H -NMR Study of the Random Bond Effect in the Quantum Spin System $(CH_3)_2CHNH_3Cu(Cl_xBr_{1-x})_3$. Journal of the Physical Society of Japan, 2007, 76, 083701.	1.6	7
23	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
24	High-Field Magnetic Torque Measurement in the Spin Gap System $(CH_3)_2CHNH_3CuCl_3$. Journal of the Physical Society of Japan, 2007, 76, 084708.	1.6	3
25	Neutron Diffraction Study of Structural Intermediate Phase IV in $TlCoCl_3$. Journal of the Physical Society of Japan, 2008, 77, 124601.	1.6	2
26	Pressure-Induced Magnetic Quantum Phase Transition in $KCuCl_3$. Journal of the Physical Society of Japan, 2007, 76, 162-163.	1.6	1
27	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