

Toshio Ono

List of Publications by Year in descending order

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31
papers

821
citations

567281

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29
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32
all docs

32
docs citations

32
times ranked

760
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetization plateau in the frustrated quantum spin system Cs ₂ CuBr ₄ . Physical Review B, 2003, 67, .	3.2	192
2	Pinwheel valence-bond solid and triplet excitations in the two-dimensional deformed kagome lattice. Nature Physics, 2010, 6, 865-869.	16.7	104
3	Magnetic-Field Induced Bose-Einstein Condensation of Magnons and Critical Behavior in Interacting Spin Dimer System TlCuCl ₃ . Journal of the Physical Society of Japan, 2008, 77, 013701.	1.6	66
4	Singlet Ground State and Spin Gap in S = 1/2 Kagomé Antiferromagnet Rb ₂ Cu ₃ SnF ₁₂ . Journal of the Physical Society of Japan, 2008, 77, 043707.	1.6	51
5	Phase Transitions and Disorder Effects in Pure and Doped Frustrated Quantum Antiferromagnet Cs ₂ CuBr ₄ . Journal of the Physical Society of Japan, 2005, 74, 135-144.	1.6	48
6	Magnetic susceptibilities in a family of Kagome Antiferromagnets. Physical Review B, 2009, 79, 040407.	3.2	45
7	Magnetic susceptibilities in a family of Kagome Antiferromagnets. Physical Review B, 2009, 79, 040407.	3.2	45
8	Pressure-induced Magnetic Quantum Phase Transition from Gapped Ground State in TlCuCl ₃ . Journal of the Physical Society of Japan, 2004, 73, 3254-3257.	1.6	37
9	Thermodynamics of the up-up-down phase of the one-dimensional antiferromagnet. Physical Review B, 2009, 79, 040407.	3.2	36
10	Thermodynamics of the up-up-down phase of the one-dimensional antiferromagnet. Physical Review B, 2009, 79, 040407.	3.2	35
11	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
12	Large Negative Quantum Renormalization of Excitation Energies in the Spin-1/2 Kagome Lattice Antiferromagnet Cs ₂ Cu ₃ SnF ₁₂ . Journal of the Physical Society of Japan, 2014, 83, 043701.	1.6	20
13	Thermodynamic Properties and Elementary Excitations in Quantum Sine-Gordon Spin System KCuGaF ₆ . Journal of the Physical Society of Japan, 2007, 76, 063706.	1.6	18
14	Drastic Change of Magnetic Phase Diagram in Doped Quantum Antiferromagnet TlCu _{1-x} Mg _x Cl ₃ . Journal of the Physical Society of Japan, 2006, 75, 033702.	1.6	17
15	Magnetic structure and high-field magnetization of the distorted kagome lattice antiferromagnet Rb ₂ Cu ₃ SnF ₁₂ . Physical Review B, 2014, 89, 040407.	3.2	15
16	Ghost modes and continuum scattering in the dimerized distorted kagome lattice antiferromagnet Rb ₂ Cu ₃ SnF ₁₂ . Physical Review B, 2014, 89, 040407.	3.2	12
17	Field-induced New Ordered Phase in Triangular Antiferromagnet RbFeCl ₃ . Journal of the Physical Society of Japan, 1999, 68, 3174-3176.	1.6	10
18	Electron Spin Resonance in Triangular Antiferromagnets. Journal of the Physical Society of Japan, 2003, 72, 84-98.	1.6	10

#	ARTICLE	IF	CITATIONS
19	Partial ferromagnetic ordering and indirect exchange interaction in the spatially anisotropic kagome antiferromagnet $\text{Cs}_2\text{Cu}_3\text{CeF}_{12}$. <i>Physical Review B</i> , 2009, 80, .	3.2	10
20	$\text{CsMn}(\text{Br}_{1-x}\text{F}_x)_3$: Crossover from an XY to an Ising chiral antiferromagnet. <i>Physical Review B</i> , 2001, 64, .	3.2	8
21	Reply to "Comment on "Transition from Bose glass to a condensate of triplons in $\text{Tl}_{1-x}\text{K}_x\text{CuCl}_3$ ". <i>Physical Review B</i> , 2011, 83, .	3.2	5
22	Magnetic Field- and Pressure-Induced Quantum Phase Transitions in NH_4CuCl_3 . <i>Progress of Theoretical Physics Supplement</i> , 2005, 159, 241-245.	0.1	3
23	Magnetic Phase Diagram of the Quasi-Two-Dimensional $S = 1/2$ Antiferromagnet Cs_2CuBr_4 . <i>AIP Conference Proceedings</i> , 2006, , .	0.4	3
24	Orbital Configurations and Magnetic Properties of Double-Layered Antiferromagnet $\text{Cs}_3\text{Cu}_2\text{Cl}_4\text{Br}_3$. <i>Journal of the Physical Society of Japan</i> , 2007, 76, 014708.	1.6	3
25	Breakdown of linear spin-wave theory and existence of spinon bound states in the frustrated kagome-lattice antiferromagnet. <i>Physical Review B</i> , 2022, 105, .	3.2	3
26	Dilute Kagomé Lattice Magnetism with $S = 1/2$ on $\text{Rb}_2(\text{Pd}_{1-x}\text{M}_x)_3\text{S}_4$ ($M = \text{Co}, \text{Mn}$). <i>Progress of Theoretical Physics Supplement</i> , 2005, 159, 61-66.	0.1	2
27	Spin structure of $\text{CsCu}_{1-x}\text{Co}_x\text{Cl}_3$ in magnetic fields. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s728-s730.	2.3	1
28	Structural and Magnetic Properties of $S = 1/2$ Kagomé Antiferromagnet $\text{Cs}_2\text{Cu}_3\text{ZrF}_{12}$. <i>Progress of Theoretical Physics Supplement</i> , 2005, 159, 67-71.	0.1	1
29	Magnetically Ordered Phases Stabilized by Quantum Fluctuations in 2D Frustrated Antiferromagnet Cs_2CuBr_4 . <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
30	Observation of Elementary Excitations of Quantum Sine-Gordon Spin System KCuGaF_6 Under High Magnetic Field. <i>Journal of Low Temperature Physics</i> , 2010, 159, 60-63.	1.4	0
31	Metastable magnetization plateaus in the $S = 1$ organic spin ladder BIP-TENO induced by a microsecond-pulsed megagauss field. <i>Physical Review B</i> , 2022, 105, .	3.2	0