Toshio Ono

List of Publications by Year
in descending order

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31	821	567281	477307
papers	citations	15	29
		h-index	g-index

32	32	32	760
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Breakdown of linear spin-wave theory and existence of spinon bound states in the frustrated kagome-lattice antiferromagnet. Physical Review B, 2022, 105, .	3.2	3
2	Metastable magnetization plateaus in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>S</mml:mi></mml:math> =1 organic spin ladder BIP-TENO induced by a microsecond-pulsed megagauss field. Physical Review B, 2022, 105, .	3.2	0
3	Magnetic structure and high-field magnetization of the distorted kagome lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cs</mml:mi><mml:mn>2</mml:mn></mml:msub>	3.2	15
4	Ghost modes and continuum scattering in the dimerized distorted kagome lattice antiferromagnet Rb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub><mml:math>Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>SnF<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow	3.2	12
5	Large Negative Quantum Renormalization of Excitation Energies in the Spin-1/2 Kagome Lattice Antiferromagnet Cs₂Cu₃SnF₁₂. Journal of the Physical Society of Japan, 2017, 86, 043707.	1.6	20
6	Transition from Bose glass to a condensate of triplons in Tl<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mrow	3.2	41
7	Reply to â€œComment on â€ Transition from Bose glass to a condensate of triplons in Tl1â^’xKxCuCl3â€™â€‰â€. Physical Review B, 2011, 83, .	3.2	5
8	Observation of Elementary Excitations of Quantum Sine-Gordon Spin System KCuGaF6 Under High Magnetic Field. Journal of Low Temperature Physics, 2010, 159, 60-63.	1.4	0
9	Pinwheel valence-bond solid and triplet excitations in the two-dimensional deformed kagome lattice. Nature Physics, 2010, 6, 865-869.	16.7	104
10	Partial ferromagnetic ordering and indirect exchange interaction in the spatially anisotropic kagome antiferromagnetCs2Cu3CeF12. Physical Review B, 2009, 80, .	3.2	10
11	Elementary excitations of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>one-dimension	3.2	36
12	Magnetic susceptibilities in a family of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>kagome antiferromagnets. Physical Review B, 2009, 79, .	3.2	45
13	Singlet Ground State and Spin Gap in S = 1/2 KagomÃ© Antiferromagnet Rb₂Cu₃SnF₁₂. Journal of the Physical Society of Japan, 2008, 77, 043707.	1.6	51
14	Magnetic-Field Induced Boseâ€“Einstein Condensation of Magnons and Critical Behavior in Interacting Spin Dimer System TlCuCl₃. Journal of the Physical Society of Japan, 2008, 77, 013701.	1.6	66
15	Orbital Configurations and Magnetic Properties of Double-Layered Antiferromagnet Cs3Cu2Cl4Br3. Journal of the Physical Society of Japan, 2007, 76, 014708.	1.6	3
16	Thermodynamics of the up-up-down phase of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>triangular-lattic antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml	3.2	35
17	Thermodynamic Properties and Elementary Excitations in Quantum Sine-Gordon Spin System KCuGaF6. Journal of the Physical Society of Japan, 2007, 76, 063706.	1.6	18
18	Magnetic Phase Diagram of the Quasi-Two-Dimensional S = 1/2 Antiferromagnet Cs2CuBr4. AIP Conference Proceedings, 2006, , .	0.4	3

#	Article	IF	Citations
19	Magnetically Ordered Phases Stabilized by Quantum Fluctuations in 2D Frustrated Antiferromagnet Cs2CuBr4. AIP Conference Proceedings, 2006, , .	0.4	0
20	Drastic Change of Magnetic Phase Diagram in Doped Quantum Antiferromagnet TlCu1-xMgxCl3. Journal of the Physical Society of Japan, 2006, 75, 033702.	1.6	17
21	Phase Transitions and Disorder Effects in Pure and Doped Frustrated Quantum Antiferromagnet Cs₂CuBr₄. Journal of the Physical Society of Japan, 2005, 74, 135-144.	1.6	48
22	DiluteKagomÃ©Lattice Magnetism withS= 1/2 on Rb2(Pd1-xMx)3S4(M = Co, Mn). Progress of Theoretical Physics Supplement, 2005, 159, 61-66.	0.1	2
23	Structural and Magnetic Properties ofS= 1/2 KagomÃ© Antiferromagnet Cs2Cu3ZrF12. Progress of Theoretical Physics Supplement, 2005, 159, 67-71.	0.1	1
24	Magnetic Field- and Pressure-Induced Quantum Phase Transitions in NH4CuCl3. Progress of Theoretical Physics Supplement, 2005, 159, 241-245.	0.1	3
25	Pressure-induced Magnetic Quantum Phase Transition from Gapped Ground State in TlCuCl3. Journal of the Physical Society of Japan, 2004, 73, 3254-3257.	1.6	37
26	Magnetization plateau in the frustrated quantum spin systemCs2CuBr4. Physical Review B, 2003, 67, .	3.2	192
27	Electron Spin Resonance in Triangular Antiferromagnets. Journal of the Physical Society of Japan, 2003, 72, 84-98.	1.6	10
28	Spin structure of CsCu 1-x Co x Cl 3 in magnetic fields. Applied Physics A: Materials Science and Processing, 2002, 74, s728-s730.	2.3	1
29	Field-Induced Two-Step Phase Transitions in the Singlet Ground State Triangular Antiferromagnet CsFeBr3. Journal of the Physical Society of Japan, 2001, 70, 3068-3075.	1.6	22
30	CsMn(BrxI1â^'x)3:Crossover from anXYto an Ising chiral antiferromagnet. Physical Review B, 2001, 64, .	3.2	8
31	Field-Induced New Ordered Phase in Triangular Antiferromagnet RbFeCl 3. Journal of the Physical Society of Japan, 1999, 68, 3174-3176.	1.6	10