

Takanori Sugimoto

List of Publications by Year in descending order

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24
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145
citing authors

#	ARTICLE	IF	CITATIONS
1	Discord effects of inter-cluster interactions on a cluster-based Haldane state in a triangular spin tube. Journal of Physics: Conference Series, 2022, 2164, 012029.	0.4	1
2	Classical and Quantum Magnetic Ground States on an Icosahedral Cluster. Materials Transactions, 2021, 62, 367-373.	1.2	9
3	Magnetism of Tsai-Type Quasicrystal Approximants. Materials Transactions, 2021, 62, 298-306.	1.2	24
4	A Toy Model Approach to Fractal Nature: Thermodynamics on a Cantor-Lattice Ising Model. Materials Transactions, 2021, 62, 374-379.	1.2	1
5	Coexistence of strong and weak Majorana zero modes in an anisotropic XY spin chain with second-neighbor interactions. Physical Review B, 2021, 104, .	3.2	5
6	Topological superconductivity in quasicrystals. Physical Review B, 2021, 104, .	3.2	18
7	Magnetic excitations in magnetization plateaus of a frustrated spin ladder. Physical Review B, 2020, 101, .	3.2	4
8	Mean-field study of the Bose-Hubbard model in the Penrose lattice. Physical Review B, 2020, 102, .	3.2	12
9	Magnetic orders induced by RKKY interaction in Tsai-type quasicrystalline approximant Au-Al-Gd. Physical Review Materials, 2020, 4, .	2.4	16
10	Cluster-based Haldane states in spin-1/2 cluster chains. Physical Review Research, 2020, 2, .	3.6	6
11	Magnetization plateaus in the spin- $\frac{1}{2}$ antiferromagnetic Heisenberg model on a kagome-strip chain. Physical Review B, 2018, 97, .	3.2	14
12	Magnetic phase diagram of a frustrated spin ladder. Physical Review B, 2018, 97, .	3.2	6
13	Majorana Zero-Energy Mode and Fractal Structure in Fibonacci "Kitaev Chain. Journal of the Physical Society of Japan, 2017, 86, 114707.	1.6	18
14	Reentrant topological phase transition in a bridging model between Kitaev and Haldane chains. Physical Review B, 2017, 96, .	3.2	2
15	Static and dynamic magnetic properties of the spin-1/2 inequilateral diamond-chain compounds $A_3Cu_3AlO_2(SO_4)_4$ (A=K,Rb,Cs). Physical Review B, 2017, 95, .	3.2	17
16	Phenomenological Magnetic Model in Tsai-Type Approximants. Journal of the Physical Society of Japan, 2016, 85, 053701.	1.6	15
17	Magnetization plateaus by reconstructed quasispinons in a frustrated two-leg spin ladder under a magnetic field. Physical Review B, 2015, 92, .	3.2	11
18	Lifshitz Transition Induced by Magnetic Field in Frustrated Two-Leg Spin-Ladder Systems. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Spin Correlation Enhanced by Impurities in a Frustrated Two-Leg Spin Ladder. , 2014, , .		0
20	Effects of frustration on magnetic excitations in a two-leg spin-ladder system. Physical Review B, 2013, 87, .	3.2	10
21	Spin Excitation Assisted by Non-Softening Phonon for Spin-Peierls Model. Journal of the Physical Society of Japan, 2012, 81, 034706.	1.6	4
22	Spin Excitation and Phonon Effect for Frustrated Spin-Peierls Model. Journal of the Physical Society of Japan, 2011, 80, SB017.	1.6	1
23	Polarization of very cold neutron using a permanent magnet quadrupole. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 634, S17-S20.	1.6	0
24	Highly polarized very cold neutrons through a permanent magnet quadrupole. Physica B: Condensed Matter, 2009, 404, 2643-2645.	2.7	3