

Jianhui Xu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Design of a neutron polarizing bender for a cold triple-axis spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1031, 166526.	1.6	2
2	Phase diagram and spin waves in the frustrated ferro-antiferromagnet SrZnVO_4 . Physical Review B, 2021, 104, .	3.2	8
3	Order out of a Coulomb Phase and Higgs Transition: Frustrated Transverse Interactions of Nd_2O_7 . Physical Review B, 2020, 101, 067303.	3.2	15
4	Anisotropic exchange Hamiltonian, magnetic phase diagram, and domain inversion of Nd_2O_7 . Physical Review B, 2019, 99, .	3.2	15
5	Presaturation phase with no dipolar order in a quantum ferro-antiferromagnet. Physical Review Research, 2019, 1, .	3.6	13
6	Evidence for a dynamical ground state in the frustrated pyrohafnate Tb_2O_7 . Physical Review B, 2018, 97, .	3.2	13
7	Optimization of single crystal growth of candidate quantum spin-ice $\text{Pr}_2\text{Hf}_2\text{O}_7$ by optical floating-zone method. Journal of Crystal Growth, 2018, 498, 124-129.	1.5	7
8	Field-induced quantum spin-1/2 chains and disorder in $\text{Nd}_2\text{Zr}_2\text{O}_7$. Physical Review B, 2018, 98, .	3.2	11
9	Evolution of antiferromagnetic domains in the all-in-all-out ordered pyrochlore Nd_2O_7 . Physical Review B, 2017, 95, .	3.2	19
10	Spin dynamics of the ordered dipolar-octupolar pseudospin-1/2 Nd_2O_7 by muon spin relaxation. Physical Review B, 2016, 94, .	3.2	20
11	Physical properties of the candidate quantum spin-ice system $\text{Pr}_2\text{Hf}_2\text{O}_7$. Physical Review B, 2016, 94, .	3.2	36
12	Observation of long-range magnetic ordering in pyrohafnate Nd_2O_7 : A neutron diffraction study. Physical Review B, 2015, 92, .	3.2	56
13	Magnetic structure and crystal-field states of the pyrochlore antiferromagnet Nd_2O_7 . Physical Review B, 2015, 92, .	3.2	76