

Zhenyue Zhu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12 papers	526 citations	11 h-index	12 g-index
12 ext. papers	683 ext. citations	6 avg, IF	4.33 L-index

#	Paper	IF	Citations
12	Anisotropic-Exchange Magnets on a Triangular Lattice: Spin Waves, Accidental Degeneracies, and Dual Spin Liquids. <i>Physical Review X</i> , 2019 , 9,	9.1	42
11	Topography of Spin Liquids on a Triangular Lattice. <i>Physical Review Letters</i> , 2018 , 120, 207203	7.4	68
10	Disorder-Induced Mimicry of a Spin Liquid in YbMgGaO ₄ . <i>Physical Review Letters</i> , 2017 , 119, 157201	7.4	109
9	Space Group Symmetry Fractionalization in a Chiral Kagome Heisenberg Antiferromagnet. <i>Physical Review Letters</i> , 2016 , 116, 197203	7.4	12
8	Spin liquid phase of the S=1/2 J1-J2 Heisenberg model on the triangular lattice. <i>Physical Review B</i> , 2015 , 92,	3.3	110
7	Chern half metals: a new class of topological materials to realize the quantum anomalous Hall effect. <i>Nano Letters</i> , 2015 , 15, 2074-8	11.5	38
6	Quantum phases of the frustrated XY models on the honeycomb lattice. <i>Modern Physics Letters B</i> , 2014 , 28, 1430016	1.6	6
5	Unexpected z-direction Ising antiferromagnetic order in a frustrated spin-1/2 J1-J2 XY model on the honeycomb lattice. <i>Physical Review Letters</i> , 2013 , 111, 257201	7.4	20
4	Weak plaquette valence bond order in the S = 1/2 honeycomb J1 - J2 Heisenberg model. <i>Physical Review Letters</i> , 2013 , 110, 127205	7.4	81
3	Time-reversal Aharonov-Casher effect in mesoscopic rings with spin-orbit interaction. <i>Physical Review B</i> , 2007 , 76,	3.3	17
2	Numerical simulations of a ballistic spin interferometer with Rashba spin-orbital interaction. <i>Physical Review B</i> , 2006 , 74,	3.3	12
1	Quantum size effects in thermodynamic superconducting properties of ultrathin films. <i>Physical Review B</i> , 2006 , 74,	3.3	11