Yi Li

List of Publications by Year in Descending Order

27 papers	657 citations	15 h-index	25 g-index
28 ext. papers	761 ext. citations	4.4 avg, IF	4.38 L-index

#	Paper	IF	Citations
27	Monopole charge density wave states in Weyl semimetals. *Physical Review Research*, **2020**, 2,	3.9	3
26	Counterrotating magnetic order in the honeycomb layers of NaNi2BiO6 *Physical Review B*, **2019**, 100,	3.3	5
25	Stability of the Nagaoka-type ferromagnetic state in a t2g orbital system on a cubic lattice. *Physical Review B*, **2018**, 97,	3.3	1
24	Topological Nodal Cooper Pairing in Doped Weyl Metals. *Physical Review Letters*, **2018**, 120, 067003	7.4	39
23	Magnetic Field Enhanced Superconductivity in Epitaxial Thin Film WTe. *Scientific Reports*, **2018**, 8, 6520	4.9	20
22	Exact results on itinerant ferromagnetism and the 15-puzzle problem. *Physical Review B*, **2018**, 98,	3.3	6
21	Topological Septet Pairing with Spin-3/2 Fermions: High-Partial-Wave Channel Counterpart of the ^{3}He-B Phase. *Physical Review Letters*, **2016**, 117, 075301	7.4	28
20	Three-dimensional quaternionic condensations, Hopf invariants, and skyrmion lattices with synthetic spin-orbit coupling. *Physical Review A*, **2016**, 93,	2.6	16
19	Majorana Positivity and the Fermion Sign Problem of Quantum Monte Carlo Simulations. *Physical Review Letters*, **2016**, 116, 250601	7.4	49
18	Exact results for itinerant ferromagnetism in a t2g-orbital system on cubic and square lattices. *Physical Review B*, **2015**, 91,	3.3	6
17	Time-reversal invariant SU(2) Hofstadter problem in three-dimensional lattices. *Physical Review B*, **2015**, 91,	3.3	6
16	Sign-Problem-Free Quantum Monte Carlo Study on Thermodynamic Properties and Magnetic Phase Transitions in Orbital-Active Itinerant Ferromagnets. *Physical Review X*, **2015**, 5,	9.1	10
15	Competing orders in the 2D half-filled SU(2N) Hubbard model through the pinning-field quantum Monte Carlo simulations. *Physical Review Letters*, **2014**, 112, 156403	7.4	32
14	Exact Results for Itinerant Ferromagnetism in Multiorbital Systems on Square and Cubic Lattices. *Physical Review Letters*, **2014**, 112,	7.4	30
13	Unconventional symmetries of Fermi liquid and Cooper pairing properties with electric and magnetic dipolar fermions. *Journal of Physics Condensed Matter*, **2014**, 26, 493203	1.8	9
12	Honeycomb lattice with multiorbital structure: Topological and quantum anomalous Hall insulators with large gaps. *Physical Review B*, **2014**, 90,	3.3	81
11	Topological insulators with SU(2) Landau levels. *Physical Review Letters*, **2013**, 111, 186803	7.4	27

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10	High-dimensional topological insulators with quaternionic analytic Landau levels. *Physical Review Letters*, **2013**, 110, 216802	7.4	31
9	Unconventional states of bosons with the synthetic spin–orbit coupling. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2013**, 46, 134001	1.3	137
8	Spontaneous breaking of time-reversal symmetry in the orbital channel for the boundary Majorana flat bands. *New Journal of Physics*, **2013**, 15, 085002	2.9	19
7	Two- and three-dimensional topological insulators with isotropic and parity-breaking Landau levels. *Physical Review B*, **2012**, 85,	3.3	38
6	Isotropic Landau levels of Dirac fermions in high dimensions. *Physical Review B*, **2012**, 85,	3.3	19
5	Spin-orbit coupled Fermi liquid theory of ultracold magnetic dipolar fermions. *Physical Review B*, **2012**, 85,	3.3	14
4	The J-triplet Cooper pairing with magnetic dipolar interactions. *Scientific Reports*, **2012**, 2, 392	4.9	21
3	Anyons emerging from fermions with conventional two-body interactions. *Journal of Physics A: Mathematical and Theoretical*, **2010**, 43, 105306	2	2
2	Extra current and integer quantum Hall conductance in the spin-orbit coupling system. *Europhysics Letters*, **2008**, 83, 27002	1.6	
1	Current in a spin-orbit-coupling system. *Physical Review B*, **2007**, 75,	3.3	8