

# Chenjie Wang

## List of Publications by Year in descending order

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30  
papers

748  
citations

567281

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501196

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docs citations

30  
times ranked

528  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intertwined Weyl phases emergent from higher-order topology and unconventional Weyl fermions via crystalline symmetry. Npj Quantum Materials, 2022, 7, .	5.2	8
2	Lattice model constructions for gapless domain walls between topological phases. Physical Review Research, 2022, 4, .	3.6	0
3	Rotation symmetry-protected topological phases of fermions. Physical Review B, 2022, 105, .	3.2	10
4	Non-Hermitian Spatial Symmetries and Their Stabilized Normal and Exceptional Topological Semimetals. Physical Review Letters, 2022, 128, .	7.8	12
5	Vestigial anyon condensation in kagome quantum spin liquids. Physical Review B, 2021, 103, .	3.2	12
6	Thermodynamically Induced Transport Anomaly in Dilute Metals $\langle \text{ZrTe} \rangle$ and $\langle \text{HfTe} \rangle$ Physical Review Letters, 2021, 126, 126601.	7.8	14
7	Non-Abelian three-loop braiding statistics for 3D fermionic topological phases. Nature Communications, 2021, 12, 3191.	12.8	4
8	Anomaly indicators and bulk-boundary correspondences for three-dimensional interacting topological crystalline phases with mirror and continuous symmetries. Physical Review B, 2021, 104, .	3.2	2
9	Edge theories of two-dimensional fermionic symmetry protected topological phases protected by unitary Abelian symmetries. Physical Review B, 2021, 104, .	3.2	5
10	Mirror anomaly in fermionic topological orders. Physical Review Research, 2020, 2, .	3.6	3
11	Topological quantum field theory for Abelian topological phases and loop braiding statistics in (3+1)-dimensions. Physical Review B, 2019, 99, .	3.2	17
12	Folding approach to topological order enriched by mirror symmetry. Physical Review B, 2019, 99, .	3.2	7
13	Loop Braiding Statistics and Interacting Fermionic Symmetry-Protected Topological Phases in Three Dimensions. Physical Review X, 2018, 8, .	8.9	34
14	Anomaly Indicators for Time-Reversal Symmetric Topological Orders. Physical Review Letters, 2017, 119, 136801.	7.8	30
15	Interacting fermionic symmetry-protected topological phases in two dimensions. Physical Review B, 2017, 95, .	3.2	44
16	Fermion condensation and gapped domain walls in topological orders. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
17	Braiding statistics and classification of two-dimensional charge- $2$ Physical Review B, 2016, 94, .	3.2	19
18	Bulk-Boundary Correspondence for Three-Dimensional Symmetry-Protected Topological Phases. Physical Review X, 2016, 6, .	8.9	40

#	ARTICLE	IF	CITATIONS
19	Topological invariants for gauge theories and symmetry-protected topological phases. Physical Review B, 2015, 91, .	3.2	66
20	Fluctuation relations for spin currents. Physical Review B, 2015, 92, .	3.2	8
21	FLUCTUATION THEOREMS WITHOUT TIME-REVERSAL SYMMETRY. International Journal of Modern Physics B, 2014, 28, 1430003.	2.0	10
22	Braiding Statistics of Loop Excitations in Three Dimensions. Physical Review Letters, 2014, 113, 080403.	7.8	134
23	Chirality, Causality, and Fluctuation-Dissipation Theorems in Nonequilibrium Steady States. Physical Review Letters, 2013, 110, 030602.	7.8	17
24	Weak symmetry breaking in two-dimensional topological insulators. Physical Review B, 2013, 88, .	3.2	31
25	Rectification in Y-junctions of Luttinger liquid wires. Physical Review B, 2011, 83, .	3.2	10
26	Fluctuation-dissipation theorem for chiral systems in nonequilibrium steady states. Physical Review B, 2011, 84, .	3.2	17
27	Transport in line junctions of $\nu=5/2$ quantum Hall liquids. Physical Review B, 2010, 81, .	3.2	17
28	Identification of 331 quantum Hall states with Mach-Zehnder interferometry. Physical Review B, 2010, 82, . <a href="#">First-principles study of the lattice and electronic structure of</a>	3.2	15
29	$TbMn_2O_5$ Ferroelectricity Driven by the Noncentrosymmetric Magnetic Ordering in Multiferroic	3.2	59
30	$TbMn_2O_5$ : A First-Principles Study. Physical Review Letters, 2007, 99, 177202.	7.8	91