Chenjie Wang

List of Publications by Year
in descending order

30	748	567281 15	501196 28
papers	citations	h-index	g-index

30	30	30	528
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Braiding Statistics of Loop Excitations in Three Dimensions. Physical Review Letters, 2014, 113, 080403.	7.8	134
2	Ferroelectricity Driven by the Noncentrosymmetric Magnetic Ordering in Multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>TbMn</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>: A First-Principles Study. Physical Review Letters, 2007, 99, 177202.	7.8	91
3	Topological invariants for gauge theories and symmetry-protected topological phases. Physical Review B, 2015, 91, .	3.2	66
4	First-principles study of the lattice and electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Tb</mml:mi><mml:msub><mml:mi mathvariant="normal">Mn</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2008, 77, .	3.2	59
5	Interacting fermionic symmetry-protected topological phases in two dimensions. Physical Review B, 2017, 95, .	3.2	44
6	Bulk-Boundary Correspondence for Three-Dimensional Symmetry-Protected Topological Phases. Physical Review X, 2016, 6, .	8.9	40
7	Loop Braiding Statistics and Interacting Fermionic Symmetry-Protected Topological Phases in Three Dimensions. Physical Review X, 2018, 8, .	8.9	34
8	Weak symmetry breaking in two-dimensional topological insulators. Physical Review B, 2013, 88, .	3.2	31
9	Anomaly Indicators for Time-Reversal Symmetric Topological Orders. Physical Review Letters, 2017, 119, 136801.	7.8	30
10	Braiding statistics and classification of two-dimensional charge-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mi>m</mml:mi></mml:mrow></mml: Physical Review B, 2016, 94, .	3.2	19
11	Transport in line junctions of½=52quantum Hall liquids. Physical Review B, 2010, 81, .	3.2	17
12	Fluctuation-dissipation theorem for chiral systems in nonequilibrium steady states. Physical Review B, 2011, 84, .	3.2	17
13	Chirality, Causality, and Fluctuation-Dissipation Theorems in Nonequilibrium Steady States. Physical Review Letters, 2013, 110, 030602.	7.8	17
14	Topological quantum field theory for Abelian topological phases and loop braiding statistics in (3+1) -dimensions. Physical Review B, 2019, 99, .	3.2	17
15	Identification of 331 quantum Hall states with Mach-Zehnder interferometry. Physical Review B, 2010, 82, .	3.2	15
16	Thermodynamically Induced Transport Anomaly in Dilute Metals <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>ZrTe</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:mrow></m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>HfTe</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></m Physical Review Letters, 2021, 126, 126601.	7.8	14
17	Fermion condensation and gapped domain walls in topological orders. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
18	Vestigial anyon condensation in kagome quantum spin liquids. Physical Review B, 2021, 103, .	3.2	12

#	Article	IF	Citations
19	Non-Hermitian Spatial Symmetries and Their Stabilized Normal and Exceptional Topological Semimetals. Physical Review Letters, 2022, 128, .	7.8	12
20	Rectification in Y-junctions of Luttinger liquid wires. Physical Review B, 2011, 83, .	3.2	10
21	FLUCTUATION THEOREMS WITHOUT TIME-REVERSAL SYMMETRY. International Journal of Modern Physics B, 2014, 28, 1430003.	2.0	10
22	Rotation symmetry-protected topological phases of fermions. Physical Review B, 2022, 105, .	3.2	10
23	Fluctuation relations for spin currents. Physical Review B, 2015, 92, .	3.2	8
24	Intertwined Weyl phases emergent from higher-order topology and unconventional Weyl fermions via crystalline symmetry. Npj Quantum Materials, 2022, 7, .	5.2	8
25	Folding approach to topological order enriched by mirror symmetry. Physical Review B, 2019, 99, .	3.2	7
26	Edge theories of two-dimensional fermionic symmetry protected topological phases protected by unitary Abelian symmetries. Physical Review B, 2021, 104, .	3.2	5
27	Non-Abelian three-loop braiding statistics for 3D fermionic topological phases. Nature Communications, 2021, 12, 3191.	12.8	4
28	Mirror anomaly in fermionic topological orders. Physical Review Research, 2020, 2, .	3.6	3
29	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
30	Lattice model constructions for gapless domain walls between topological phases. Physical Review Research, 2022, 4, .	3.6	0