

Chong Wang

List of Publications by Year in descending order

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25
papers

1,284
citations

430754

18
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

730
citing authors

#	ARTICLE	IF	CITATIONS
1	Deconfined Quantum Critical Points: Symmetries and Dualities. Physical Review X, 2017, 7, .	2.8	221
2	Interacting fermionic topological insulators/superconductors in three dimensions. Physical Review B, 2014, 89, .	1.1	201
3	Boson topological insulators: A window into highly entangled quantum phases. Physical Review B, 2013, 87, .	1.1	159
4	Gapped symmetry preserving surface state for the electron topological insulator. Physical Review B, 2013, 88, .	1.1	131
5	Confinement transition of \hat{a}_2 gauge theories coupled to massless fermions: Emergent quantum chromodynamics and $SO(5)$ symmetry. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6987-E6995.	3.3	64
6	Time-Reversal Symmetric $U(1)$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 532 Td (stretchy="false")	2.8	54
7	Unifying description of competing orders in two-dimensional quantum magnets. Nature Communications, 2019, 10, 4254.	5.8	54
8	Superconductivity from the condensation of topological defects in a quantum spin-Hall insulator. Nature Communications, 2019, 10, 2658.	5.8	52
9	Particle-Hole Symmetry in the Fermion-Chern-Simons and Dirac Descriptions of a Half-Filled Landau Level. Physical Review X, 2017, 7, .	2.8	50
10	Theory of deconfined pseudocriticality. Physical Review B, 2020, 102, .	1.1	42
11	From Spinon Band Topology to the Symmetry Quantum Numbers of Monopoles in Dirac Spin Liquids. Physical Review X, 2020, 10, .	2.8	32
12	Composite fermion duality for half-filled multicomponent Landau levels. Physical Review B, 2017, 95, .	1.1	27
13	Emergent Multi-Flavor QED at the Plateau Transition between Fractional Chern Insulators: Applications to Graphene Heterostructures. Physical Review X, 2018, 8, .	2.8	25
14	Realizing topological surface states in a lower-dimensional flat band. Physical Review B, 2017, 96, .	1.1	22
15	Electric polarization as a nonquantized topological response and boundary Luttinger theorem. Physical Review Research, 2021, 3, .	1.3	22
16	Emergent particle-hole symmetry in spinful bosonic quantum Hall systems. Physical Review B, 2017, 96, .	1.1	20
17	Fractional Quantum Hall Effect in Weyl Semimetals. Physical Review Letters, 2020, 124, 096603.	2.9	19
18	Symmetry enriched $U(1)$ quantum spin liquids. Physical Review B, 2018, 97, .	1.1	18

#	ARTICLE	IF	CITATIONS
19	Stiefel Liquids: Possible Non-Lagrangian Quantum Criticality from Intertwined Orders. Physical Review X, 2021, 11, .	2.8	18
20	Unquantized anomalies in topological semimetals. Physical Review Research, 2021, 3, .	1.3	16
21	Doping-Induced Quantum Spin Hall Insulator to Superconductor Transition. Physical Review Letters, 2021, 126, 205701.	2.9	13
22	Emergent anomalies and generalized Luttinger theorems in metals and semimetals. Physical Review B, 2021, 104, .	1.1	9
23	Correlated fragile topology: A parton approach. Physical Review B, 2021, 103, .	1.1	6
24	Edge physics at the deconfined transition between a quantum spin Hall insulator and a superconductor. SciPost Physics, 2022, 12, .	1.5	5
25	Nonzero Momentum Requires Long-Range Entanglement. Physical Review X, 2022, 12, .	2.8	4