

Yin-Chen He

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

696
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

576
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric polarization as a nonquantized topological response and boundary Luttinger theorem. Physical Review Research, 2021, 3, .	3.6	22
2	Stiefel Liquids: Possible Non-Lagrangian Quantum Criticality from Intertwined Orders. Physical Review X, 2021, 11, .	8.9	18
3	A roadmap for bootstrapping critical gauge theories: decoupling operators of conformal field theories in $d > 2$ dimensions. SciPost Physics, 2021, 11, .	4.9	7
4	From Spinon Band Topology to the Symmetry Quantum Numbers of Monopoles in Dirac Spin Liquids. Physical Review X, 2020, 10, .	8.9	32
5	Entanglement Hamiltonian of Many-Body Dynamics in Strongly Correlated Systems. Physical Review Letters, 2020, 124, 100605.	7.8	11
6	Field-induced QCD3 -Chern-Simons quantum criticalities in Kitaev materials. Physical Review Research, 2020, 2, .	3.6	22
7	Emergent QCD3 quantum phase transitions of fractional Chern insulators. Physical Review Research, 2020, 2, .	3.6	5
8	Dirac Spin Liquid on the Spin- 1 Triangular Heisenberg Antiferromagnet. Physical Review Letters, 2019, 123, 207203.	7.8	78
9	Unifying description of competing orders in two-dimensional quantum magnets. Nature Communications, 2019, 10, 4254.	12.8	54
10	Reconstructing entanglement Hamiltonian via entanglement eigenstates. Physical Review B, 2019, 99, .	3.2	26
11	Shadow of complex fixed point: Approximate conformality of Q -Potts model. Physical Review B, 2019, 99, .	3.2	4
12	Symmetric Fermion Mass Generation as Deconfined Quantum Criticality. Physical Review X, 2018, 8, .	8.9	42
13	From bosonic topological transition to symmetric fermion mass generation. Physical Review B, 2018, 97, .	3.2	36
14	Continuous Easy-Plane Deconfined Phase Transition on the Kagome Lattice. Physical Review Letters, 2018, 120, 115702.	7.8	35
15	Entanglement signatures of emergent Dirac fermions: Kagome spin liquid and quantum criticality. Science Advances, 2018, 4, eaat5535.	10.3	30
16	Emergent Multi-Flavor QED_3 at the Plateau Transition between Fractional Chern Insulators: Applications to Graphene Heterostructures. Physical Review X, 2018, 8, .	8.9	25
17	Signatures of Dirac Cones in a DMRG Study of the Kagome Heisenberg Model. Physical Review X, 2017, 7, .	8.9	163
18	Critical behavior of the QED_3 -Gross-Neveu model: Duality and deconfined criticality. Physical Review B, 2017, 96, .	8.2	15

#	ARTICLE	IF	CITATIONS
19	Stability of the spin- $\frac{1}{2}$ Kagome ground state with breathing anisotropy. Physical Review B, 2017, 96, .	8.2	19
20	Kagome Chiral Spin Liquid as a Gauged $U(1)$ Symmetry Protected Topological Phase. Physical Review Letters, 2015, 115, 267209.	7.8	21