

Yin-Chen He

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

696
citations

516710

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h-index

752698

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g-index

20
all docs

20
docs citations

20
times ranked

576
citing authors

#	ARTICLE	IF	CITATIONS
1	Signatures of Dirac Cones in a DMRG Study of the Kagome Heisenberg Model. Physical Review X, 2017, 7, .	8.9	163
2	Dirac Spin Liquid on the Spin- 1 Triangular Heisenberg Antiferromagnet. Physical Review Letters, 2019, 123, 207203.	7.8	78
3	Unifying description of competing orders in two-dimensional quantum magnets. Nature Communications, 2019, 10, 4254.	12.8	54
4	Symmetric Fermion Mass Generation as Deconfined Quantum Criticality. Physical Review X, 2018, 8, .	8.9	42
5	From bosonic topological transition to symmetric fermion mass generation. Physical Review B, 2018, 97, .	3.2	36
6	Critical behavior of the QED -Gross-Neveu model: Duality and deconfined criticality. Physical Review B, 2017, 96, .	8.9	35
7	Continuous Easy-Plane Deconfined Phase Transition on the Kagome Lattice. Physical Review Letters, 2018, 120, 115702.	7.8	35
8	From Spinon Band Topology to the Symmetry Quantum Numbers of Monopoles in Dirac Spin Liquids. Physical Review X, 2020, 10, .	8.9	32
9	Entanglement signatures of emergent Dirac fermions: Kagome spin liquid and quantum criticality. Science Advances, 2018, 4, eaat5535.	10.3	30
10	Reconstructing entanglement Hamiltonian via entanglement eigenstates. Physical Review B, 2019, 99, .	3.2	26
11	Emergent Multi-Flavor QED at the Plateau Transition between Fractional Chern Insulators: Applications to Graphene Heterostructures. Physical Review X, 2018, 8, .	8.9	25
12	Electric polarization as a nonquantized topological response and boundary Luttinger theorem. Physical Review Research, 2021, 3, .	3.6	22
13	Field-induced QCD_3 -Chern-Simons quantum criticalities in Kitaev materials. Physical Review Research, 2020, 2, .	3.6	22
14	Kagome Chiral Spin Liquid as a Gauged $U(1)$ Symmetry Protected Topological Phase. Physical Review Letters, 2015, 115, 267209.	7.8	21
15	Stability of the spin- 1 kagome ground state with breathing anisotropy. Physical Review B, 2017, 96, .	8.9	19
16	Stiefel Liquids: Possible Non-Lagrangian Quantum Criticality from Intertwined Orders. Physical Review X, 2021, 11, .	8.9	18
17	Shadow of complex fixed point: Approximate conformality of Q -Potts model. Physical Review B, 2019, 99, .	8.9	15
18	Entanglement Hamiltonian of Many-Body Dynamics in Strongly Correlated Systems. Physical Review Letters, 2020, 124, 100605.	7.8	11

#	ARTICLE	IF	CITATIONS
19	A roadmap for bootstrapping critical gauge theories: decoupling operators of conformal field theories in $d \geq 2$ dimensions. SciPost Physics, 2021, 11, .	4.9	7
20	Emergent QCD3 quantum phase transitions of fractional Chern insulators. Physical Review Research, 2020, 2, .	3.6	5