Topological entanglement entropy of fracton stabilizer

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Citation Report

#	Article	IF	Citations
1	Entanglement entropy from tensor network states for stabilizer codes. Physical Review B, 2018, 97, .	1.1	57
2	X-cube model on generic lattices: Fracton phases and geometric order. Physical Review B, 2018, 97, .	1.1	72
3	Deciphering the nonlocal entanglement entropy of fracton topological orders. Physical Review B, 2018, 97, .	1.1	51
4	Recoverable information and emergent conservation laws in fracton stabilizer codes. Physical Review B, 2018, 97, .	1.1	55
5	Symmetry-Enriched Fracton Phases from Supersolid Duality. Physical Review Letters, 2018, 121, 235301.	2.9	49
6	The fracton gauge principle. Physical Review B, 2018, 98, .	1.1	112
7	Pinch point singularities of tensor spin liquids. Physical Review B, 2018, 98, .	1.1	46
8	Fracton topological order from the Higgs and partial-confinement mechanisms of rank-two gauge theory. Physical Review B, 2018, 98, .	1.1	90
9	Higher-rank deconfined quantum criticality at the Lifshitz transition and the exciton Bose condensate. Physical Review B, 2018, 98, .	1.1	42
10	Fracton Models on General Three-Dimensional Manifolds. Physical Review X, 2018, 8, .	2.8	125
11	Fractonic line excitations: An inroad from three-dimensional elasticity theory. Physical Review B, 2018, 97, .	1.1	50
12	Subsystem symmetry protected topological order. Physical Review B, 2018, 98, .	1.1	100
13	Structure of the entanglement entropy of (3+1)-dimensional gapped phases of matter. Physical Review B, 2018, 97, .	1.1	5
14	Fracton-Elasticity Duality. Physical Review Letters, 2018, 120, 195301.	2.9	166
15	Many-body localization, symmetry and topology. Reports on Progress in Physics, 2018, 81, 082501.	8.1	69
16	Higgs mechanism in higher-rank symmetric U(1) gauge theories. Physical Review B, 2018, 97, .	1.1	97
17	Symmetric tensor gauge theories on curved spaces. Annals of Physics, 2019, 410, 167910.	1.0	63
18	Higher-order topological superconductors as generators of quantum codes. Physical Review B, 2019, 100, .	1.1	38

#	Article	IF	Citations
19	Entanglement spectra of stabilizer codes: A window into gapped quantum phases of matter. Physical Review B, 2019, 99, .	1.1	19
20	Sorting topological stabilizer models in three dimensions. Physical Review B, 2019, 100, .	1.1	28
21	Gauging fractons: Immobile non-Abelian quasiparticles, fractals, and position-dependent degeneracies. Physical Review B, 2019, 100, .	1.1	31
22	Crystal-to-fracton tensor gauge theory dualities. Physical Review B, 2019, 100, .	1.1	38
23	Towards Classification of Fracton Phases: The Multipole Algebra. Physical Review X, 2019, 9, .	2.8	110
24	Non-Abelian defects in fracton phases of matter. Physical Review B, 2019, 100, .	1.1	7
25	Foliated fracton order in the Majorana checkerboard model. Physical Review B, 2019, 100, .	1.1	24
26	Detecting subsystem symmetry protected topological order via entanglement entropy. Physical Review B, 2019, 100, .	1.1	10
27	Fractonic matter in symmetry-enriched <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>U</mml:mi><mml:mo>(</mml:mo><mml:mn>1</mml:mn></mml:mr gauge theory. Physical Review B, 2019, 100, .	1.1	16
28	Compactifying fracton stabilizer models. Physical Review B, 2019, 99, .	1.1	25
29	Classifying local fractal subsystem symmetry-protected topological phases. Physical Review B, 2019, 99, .	1.1	16
30	Cage-Net Fracton Models. Physical Review X, 2019, 9, .	2.8	69
31	Restricted Boltzmann machines and matrix product states of one-dimensional translationally invariant stabilizer codes. Physical Review B, 2019, 99, .	1.1	9
32	Foliated fracton order in the checkerboard model. Physical Review B, 2019, 99, .	1.1	38
33	Braiding and gapped boundaries in fracton topological phases. Physical Review B, 2019, 99, .	1.1	31
34	Twisted fracton models in three dimensions. Physical Review B, 2019, 99, .	1.1	58
35	Spurious Topological Entanglement Entropy from Subsystem Symmetries. Physical Review Letters, 2019, 122, 140506.	2.9	42
36	Hyperbolic fracton model, subsystem symmetry, and holography. Physical Review B, 2019, 99, .	1.1	58

#	Article	IF	Citations
37	Localization in Fractonic Random Circuits. Physical Review X, 2019, 9, .	2.8	101
38	Fractons. Annual Review of Condensed Matter Physics, 2019, 10, 295-313.	5.2	312
39	Chiral Topological Elasticity and Fracton Order. Physical Review Letters, 2019, 122, 076403.	2.9	94
40	Anisotropic layer construction of anisotropic fracton models. Physical Review B, 2019, 100, .	1.1	23
41	Fracton fusion and statistics. Physical Review B, 2019, 100, .	1.1	33
42	Hyperbolic fracton model, subsystem symmetry, and holography. II. The dual eight-vertex model. Physical Review B, 2019, 100, .	1.1	12
43	Twisted foliated fracton phases. Physical Review B, 2020, 102, .	1.1	38
44	Fracton phases of matter. International Journal of Modern Physics A, 2020, 35, 2030003.	0.5	211
45	Quantum robustness of fracton phases. Physical Review B, 2020, 101, .	1.1	19
46	Vortices as fractons. Communications Physics, 2021, 4, .	2.0	20
47	Theory of dipole insulators. Physical Review B, 2021, 103, .	1.1	6
48	Fractional chiral hinge insulator. Physical Review B, 2021, 103, .	1.1	8
49	Screw dislocations in the X-cube fracton model. SciPost Physics, 2021, 10, .	1.5	6
50	Hybrid fracton phases: Parent orders for liquid and nonliquid quantum phases. Physical Review B, 2021, 103, .	1.1	15
51	Multipolar topological field theories: Bridging higher order topological insulators and fractons. Physical Review B, 2021, 103, .	1.1	29
52	Entanglement in the quantum Hall fluid of dipoles. SciPost Physics, 2021, 11, .	1.5	0
53	Topological entanglement entropy in d-dimensions for Abelian higher gauge theories. Journal of High Energy Physics, 2020, 2020, 1.	1.6	5
54	Fractons from polarons. Physical Review B, 2020, 102, .	1.1	24

#	Article	IF	Citations
55	Building fracton phases by Majorana manipulation. Physical Review Research, 2019, 1, .	1.3	24
56	Emergent fractons and algebraic quantum liquid from plaquette melting transitions. Physical Review Research, 2020, 2, .	1.3	34
57	Fractonic Chern-Simons and BF theories. Physical Review Research, 2020, 2, .	1.3	40
58	Fracton hydrodynamics. Physical Review Research, 2020, 2, .	1.3	120
59	Topological defect networks for fractons of all types. Physical Review Research, 2020, 2, .	1.3	54
60	Fractal Symmetric Phases of Matter. , 2019, 6, .		71
61	Universal entanglement signatures of foliated fracton phases. , 2019, 6, .		51
62	Foliated fracton order from gauging subsystem symmetries. SciPost Physics, 2019, 6, .	1.5	93
63	Foliated field theory and string-membrane-net condensation picture of fracton order. SciPost Physics, 2019, 6, .	1.5	70
64	Gauging permutation symmetries as a route to non-Abelian fractons. SciPost Physics, 2019, 7, .	1.5	28
65	Non-Abelian fracton order from gauging a mixture of subsystem and global symmetries. Physical Review Research, 2021, 3, .	1.3	1
66	Infinite families of fracton fluids with momentum conservation. Physical Review B, 2022, 105, .	1.1	15
67	Competing topological orders in three dimensions. SciPost Physics, 2022, 12, .	1.5	9
68	Fracton physics of spatially extended excitations. II. Polynomial ground state degeneracy of exactly solvable models. Physical Review B, 2021, 104, .	1.1	11
69	Fractonic order in infinite-component Chern-Simons gauge theories. Physical Review B, 2022, 105, .	1.1	8
70	Boson-fermion duality with subsystem symmetry. Physical Review B, 2022, 106, .	1.1	8
71	Boundary theory of the X-cube model in the continuum. Physical Review B, 2022, 106, .	1.1	7
72	Theorem on extensive spectral degeneracy for systems with rigid higher symmetries in general dimensions. Physical Review B, 2023, 107, .	1.1	0

#	Article	IF	Citations
73	Emergent fermionic gauge theory and foliated fracton order in the Chamon model. Physical Review B, 2023, 107, .	1.1	5
74	Gauging Fractons and Linearized Gravity. Symmetry, 2023, 15, 945.	1.1	7