

Experimental realization of the topological Haldane mo

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Probing and Controlling Strongly Correlated Quantum Many-Body Systems Using Ultracold Quantum Gases. , 0, , 253-273.		0
2	Preparing and Probing Chern Bands with Cold Atoms. , 0, , 274-298.		0
3	Bose-Einstein Condensates in Artificial Gauge Fields. , 0, , 299-321.		1
5	Introduction to carbon-based nanostructures. , 0, , 1-10.		0
6	Electronic properties of carbon-based nanostructures. , 0, , 11-90.		0
7	Topological insulator and particle pumping in a one-dimensional shaken optical lattice. Physical Review A, 2014, 90, .	1.0	61
8	Realization of fractional Chern insulators in the thin-torus limit with ultracold bosons. Physical Review A, 2014, 90, .	1.0	52
9	Multiterminal Conductance of a Floquet Topological Insulator. Physical Review Letters, 2014, 113, 266801.	2.9	202
10	Magnetic fields without magnetic fields. Nature, 2014, 515, 202-203.	13.7	2
11	SPIN-ORBIT COUPLING IN OPTICAL LATTICES. Annual Review of Cold Atoms and Molecules, 2015, , 135-179.	2.8	16
12	Topological phases: Isomorphism, homotopy and K-theory. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550098.	0.8	11
13	Population dynamics in a Floquet realization of the Harper-Hofstadter Hamiltonian. Physical Review A, 2015, 91, .	1.0	45
14	Synthetic magnetic fluxes and topological order in one-dimensional spin systems. Physical Review A, 2015, 91, .	1.0	32
15	Floquet Fulde-Ferrell-Larkin-Ovchinnikov superfluids and Majorana fermions in a shaken fermionic optical lattice. Physical Review A, 2015, 91, .	1.0	14
16	Evolution of the Hofstadter butterfly in a tunable optical lattice. Physical Review A, 2015, 91, .	1.0	13
17	Strong correlation effects in a two-dimensional Bose gas with quartic dispersion. Physical Review A, 2015, 91, .	1.0	10
18	Simulating and exploring Weyl semimetal physics with cold atoms in a two-dimensional optical lattice. Physical Review A, 2015, 92, .	1.0	50
19	Adiabatic control of atomic dressed states for transport and sensing. Physical Review A, 2015, 92, .	1.0	19

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21	Floquet topological transitions in a driven one-dimensional topological insulator. Physical Review A, 2015, 92, .	1.0	130
22	Extended Bose-Hubbard model in a shaken optical lattice. Physical Review A, 2015, 92, .	1.0	3
23	Structure-dynamics relation in shaken optical lattices. Physical Review A, 2015, 92, .	1.0	3
24	Bilayer fractional quantum Hall states with dipoles. Physical Review A, 2015, 92, .	1.0	9
25	Three-level Haldane-like model on a dice optical lattice. Physical Review A, 2015, 92, .	1.0	30
26	Atom-optics approach to studying transport phenomena. Physical Review A, 2015, 92, .	1.0	61
27	Quantum magnetism of spinor bosons in optical lattices with synthetic non-Abelian gauge fields. Physical Review A, 2015, 92, .	1.0	14
28	Multiphoton interband excitations of quantum gases in driven optical lattices. Physical Review A, 2015, 92, .	1.0	65
29	Baryon squishing in synthetic dimensions by effectiveSU(M)gauge fields. Physical Review A, 2015, 92, .	1.0	14
30	Floquet-Boltzmann equation for periodically driven Fermi systems. Physical Review A, 2015, 92, .	1.0	66
31	Tunable Chern insulator with optimally shaken lattices. Physical Review A, 2015, 92, .	1.0	14
32	Quantum Hall effects in a non-Abelian honeycomb lattice. Physical Review A, 2015, 92, .	1.0	4
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34	Phase diagrams of the Bose-Hubbard model and the Haldane-Bose-Hubbard model with complex hopping amplitudes. Physical Review A, 2015, 92, .	1.0	15
35	Competing chiral orders in the topological Haldane-Hubbard model of spin- $\frac{1}{2}$ fermions and bosons. Physical Review B, 2015, 91, .	1.1	152
36	Topological classification of dynamical phase transitions. Physical Review B, 2015, 91, .	1.1	152
37	Two-dimensional topological order of kinetically constrained quantum particles. Physical Review B, 2015, 91, .	1.1	5

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40	Unveiling hidden topological phases of a one-dimensional Hadamard quantum walk. <i>Physical Review B</i> , 2015, 92, .	1.1	66
41	Anderson localization and topological transition in Chern insulators. <i>Physical Review B</i> , 2015, 92, .	1.1	29
42	Thermodynamic and topological phase diagrams of correlated topological insulators. <i>Physical Review B</i> , 2015, 92, .	1.1	3
43	Topological characterization of the non-Abelian Moore-Read state using density-matrix renormalization group. <i>Physical Review B</i> , 2015, 92, .	1.1	23
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55	Bosonic Integer Quantum Hall Effect in an Interacting Lattice Model. <i>Physical Review Letters</i> , 2015, 115, 116803.	2.9	58

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1426	Driving-induced multiple $\langle \text{PT} \rangle$ -symmetry breaking transitions and reentrant localization transitions in non-Hermitian Floquet quasicrystals. <i>Physical Review B</i> , 2022, 106, .	1.1	14
1427	Quantum Hall states for Rydberg arrays with laser-assisted dipole-dipole interactions. <i>Physical Review A</i> , 2022, 106, .	1.0	8
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