

# Spin-orbit-coupled fermions in an optical lattice clock

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Semisynthetic zigzag optical lattice for ultracold bosons. <i>Physical Review A</i> , 2016, 94, .	1.0	51
2	Direct observation of chiral currents and magnetic reflection in atomic flux lattices. <i>Science Advances</i> , 2017, 3, e1602685.	4.7	113
3	Interactions propel a magnetic dance. <i>Nature</i> , 2017, 546, 481-482.	13.7	0
4	Microscopy of the interacting Harper-Hofstadter model in the two-body limit. <i>Nature</i> , 2017, 546, 519-523.	13.7	198
5	Synthetic Unruh effect in cold atoms. <i>Physical Review A</i> , 2017, 95, .	1.0	56
6	Manipulating novel quantum phenomena using synthetic gauge fields. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 222001.	0.6	10
7	2D surface optical lattice formed by plasmon polaritons with application to nanometer-scale molecular deposition. <i>Scientific Reports</i> , 2017, 7, 7788.	1.6	7
8	Interaction-induced exotic vortex states in an optical lattice clock with spin-orbit coupling. <i>Physical Review A</i> , 2017, 96, .	1.0	7
9	Diffusive and arrested transport of atoms under tailored disorder. <i>Nature Communications</i> , 2017, 8, 325.	5.8	24
10	Topological Fulde-Ferrell states in alkaline-earth-metal-like atoms near an orbital Feshbach resonance. <i>Physical Review A</i> , 2017, 95, .	1.0	13
11	Laughlin-like States in Bosonic and Fermionic Atomic Synthetic Ladders. <i>Physical Review X</i> , 2017, 7, .	2.8	66
12	Quantum charge pumps with topological phases in a Creutz ladder. <i>Physical Review B</i> , 2017, 96, .	1.1	32
13	Tuning Feshbach resonances in cold atomic gases with interchannel coupling. <i>Physical Review A</i> , 2017, 96, .	1.0	7
14	Symmetry-Protected Topological States for Interacting Fermions in Alkaline-Earth-Like Atoms. <i>Physical Review Letters</i> , 2017, 119, 185701.	2.9	24
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16	Majorana Quasiparticles Protected by Z <sub>2</sub> Angular Momentum Conservation. <i>Physical Review Letters</i> , 2017, 118, 200404.	2.9	20
17	Quantum incommensurate skyrmion crystals and commensurate to in-commensurate transitions in cold atoms and materials with spin-orbit couplings in a Zeeman field. <i>New Journal of Physics</i> , 2017, 19, 083015.	1.2	8
18	Clock spectroscopy of interacting bosons in deep optical lattices. <i>New Journal of Physics</i> , 2017, 19, 113006.	1.2	23

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19	Efficiency of fermionic quantum distillation. Physical Review A, 2017, 96, .	1.0	5
20	State-dependent interactions in ultracold $^{174}\text{Yb}$ probed by optical clock spectroscopy. New Journal of Physics, 2017, 19, 103037.	1.2	25
21	Imaging Optical Frequencies with Precision and Resolution. Physical Review Letters, 2018, 120, 103201.	2.9	128
22	Topological phases in frustrated synthetic ladders with an odd number of legs. Physical Review A, 2018, 97, .	1.1	17
23	Repulsive polarons in alkaline-earth-metal-like atoms across an orbital Feshbach resonance. Physical Review A, 2018, 97, .	1.0	14
24	Dynamics of interacting fermions under spin-orbit coupling in an optical lattice clock. Nature Physics, 2018, 14, 399-404.	6.5	53
25	Symmetry-enriched Bose-Einstein condensates in a spin-orbit-coupled bilayer system. Physical Review A, 2018, 97, .	1.0	4
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51	Engineering tunable local loss in a synthetic lattice of momentum states. New Journal of Physics, 2019, 21, 045006.	1.2	52
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65	Topological gapless matters in three-dimensional ultracold atomic gases. <i>Frontiers of Physics</i> , 2019, 14, 1.	2.4	21
66	Finite-temperature properties of interacting bosons on a two-leg flux ladder. <i>Physical Review A</i> , 2019, 99, .	1.0	11
67	Statistics-tuned phases of pseudofermions in one dimension. <i>Physical Review B</i> , 2019, 99, .	1.1	4
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149	Snapshot-based characterization of particle currents and the Hall response in synthetic flux lattices. Physical Review A, 2022, 105, .	1.0	10
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163	Synthetic gauge field in two interacting ultracold atomic gases without an optical lattice. Physical Review A, 2022, 106, .	1.0	5
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167	Discrimination of Chiral and Helical Contributions to Raman Scattering of Liquid Crystals Using Vortex Beams. <i>Physical Review Letters</i> , 2022, 129, .	2.9	4
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172	Nonclassical correlated optical multistability at low photon level for cavity electromagnetically induced transparency. <i>New Journal of Physics</i> , 2022, 24, 123021.	1.2	1
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174	Realization of Qi-Wu-Zhang model in spin-orbit-coupled ultracold fermions. <i>Physical Review Research</i> , 2023, 5, .	1.3	8
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