

Haiping Hu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

510
citations

759233

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642732

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docs citations

25
times ranked

430
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Dynamical Singularities of Floquet Higher-Order Topological Insulators. Physical Review Letters, 2020, 124, 057001. | 7.8 | 90 |
| 2 | Knots and Non-Hermitian Bloch Bands. Physical Review Letters, 2021, 126, 010401. | 7.8 | 77 |
| 3 | Topological Triply Degenerate Points Induced by Spin-Tensor-Momentum Couplings. Physical Review Letters, 2018, 120, 240401. | 7.8 | 49 |
| 4 | Topological Invariants for Quantum Quench Dynamics from Unitary Evolution. Physical Review Letters, 2020, 124, 160402. | 7.8 | 44 |
| 5 | Knot topology of exceptional point and non-Hermitian no-go theorem. Physical Review Research, 2022, 4, . | 3.6 | 26 |
| 6 | Strongly interacting Bose-Fermi mixtures in one dimension. New Journal of Physics, 2016, 18, 025009. | 2.9 | 25 |
| 7 | Topological nature of magnetization plateaus in periodically modulated quantum spin chains. Physical Review B, 2014, 90, . | 3.2 | 24 |
| 8 | Strongly interacting one-dimensional quantum gas mixtures with weak p -wave interactions. Physical Review A, 2016, 93, . | 2.5 | 22 |
| 9 | Superfluid-Quasicrystal in a Bose-Einstein Condensate. Physical Review Letters, 2018, 120, 060407. | 7.8 | 22 |
| 10 | Symmetry and topological classification of Floquet non-Hermitian systems. Physical Review B, 2022, 105, . | 3.2 | 17 |
| 11 | Many-body ground state localization and coexistence of localized and extended states in an interacting quasiperiodic system. European Physical Journal B, 2016, 89, 1. | 1.5 | 16 |
| 12 | Spin-1 topological monopoles in the parameter space of ultracold atoms. Physical Review A, 2018, 98, . | 2.5 | 14 |
| 13 | Illuminating the bulk-boundary correspondence of a non-Hermitian stub lattice with Majorana stars. Physical Review B, 2021, 104, . | 3.2 | 14 |
| 14 | Topological incommensurate magnetization plateaus in quasi-periodic quantum spin chains. Scientific Reports, 2015, 5, 8433. | 3.3 | 12 |
| 15 | Exact ordering of energy levels for one-dimensional interacting Fermi gases with $S(U)$ symmetry. Physical Review B, 2017, 96, . | 3.2 | 11 |
| 16 | Fractional topological states in quantum spin chains with periodical modulation. Physical Review B, 2016, 93, . | 3.2 | 9 |
| 17 | Topological Mott insulator with bosonic edge modes in one-dimensional fermionic superlattices. Physical Review A, 2019, 100, . | 2.5 | 9 |
| 18 | Majorana Doublets, Flat Bands, and Dirac Nodes in s -Wave Superfluids. Physical Review Letters, 2018, 121, 185302. | 7.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Effect of an incommensurate potential on nodal-link semimetals. <i>Physical Review B</i> , 2018, 98, . | 3.2 | 5 |
| 20 | Chiral and counter-propagating Majorana fermions in a p-wave superconductor. <i>New Journal of Physics</i> , 2019, 21, 123014. | 2.9 | 5 |
| 21 | Quench dynamics of Hopf insulators. <i>Physical Review B</i> , 2020, 101, . | 3.2 | 4 |
| 22 | Spin-Orbit Coupled s-Wave Superconductor in One-Dimensional Optical Lattice*. <i>Communications in Theoretical Physics</i> , 2015, 63, 445-452. | 2.5 | 3 |
| 23 | Topological phases in pseudospin-1 Fermi gases with two-dimensional spin-orbit coupling. <i>Physical Review A</i> , 2020, 101, . | 2.5 | 3 |
| 24 | Ferromagnetic to antiferromagnetic transition of one-dimensional spinor Bose gases with spin-orbit coupling. <i>European Physical Journal D</i> , 2013, 67, 1. | 1.3 | 1 |
| 25 | Tuning the topology of p -wave superconductivity in an analytically solvable two-band model. <i>Physical Review B</i> , 2020, 102, . | 3.2 | 0 |