

Peng Zou

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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citations

1040056

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207
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Ground-State Phase Diagram of a Spin-Orbital-Angular-Momentum Coupled Bose-Einstein Condensate. Physical Review Letters, 2019, 122, 110402. | 7.8 | 52 |
| 2 | Quantitative comparison between theoretical predictions and experimental results for Bragg spectroscopy of a strongly interacting Fermi superfluid. Physical Review A, 2010, 82, . | 2.5 | 23 |
| 3 | Josephson Oscillations and Self-Trapping of Superfluid Fermions in a Double-Well Potential. Journal of Low Temperature Physics, 2014, 177, 240-256. | 1.4 | 20 |
| 4 | Low-momentum dynamic structure factor of a strongly interacting Fermi gas at finite temperature: A two-fluid hydrodynamic description. Physical Review A, 2018, 97, . | 2.5 | 14 |
| 5 | Low-momentum dynamic structure factor of a strongly interacting Fermi gas at finite temperature: The Goldstone phonon and its Landau damping. Physical Review A, 2018, 98, . | 2.5 | 14 |
| 6 | Strongly interacting Sarma superfluid near orbital Feshbach resonances. Physical Review A, 2018, 97, . | 2.5 | 13 |
| 7 | Angular stripe phase in spin-orbital-angular-momentum coupled Bose condensates. Physical Review Research, 2020, 2, . | 3.6 | 13 |
| 8 | Traveling Majorana Solitons in a Low-Dimensional Spin-Orbit-Coupled Fermi Superfluid. Physical Review Letters, 2016, 117, 225302. | 7.8 | 12 |
| 9 | Dynamical structure factors of a two-dimensional Fermi superfluid within random phase approximation. New Journal of Physics, 2020, 22, 093012. | 2.9 | 9 |
| 10 | Dynamic structure factor of a strongly correlated Fermi superfluid within a density functional theory approach. New Journal of Physics, 2016, 18, 113044. | 2.9 | 7 |
| 11 | Dynamic structure factors of a strongly interacting Fermi superfluid near an orbital Feshbach resonance across the phase transition from BCS to Sarma superfluid. Physical Review A, 2021, 103, . | 2.5 | 5 |
| 12 | Probing two Higgs oscillations in a one-dimensional Fermi superfluid with Raman-type spin-orbit coupling. Frontiers of Physics, 2022, 17, 1. | 5.0 | 5 |
| 13 | Dynamical generation of solitons in one-dimensional Fermi superfluids with and without spin-orbit coupling. Physical Review A, 2021, 103, . | 2.5 | 4 |