

Ying Liu

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Magnetoresistance oscillation study of the spin counterflow half-quantum vortex in doubly connected mesoscopic superconducting cylinders of Sr_2RuO_4 . Physical Review B, 2022, 105, . | 1.1 | 8 |
| 2 | Symmetry Properties of Superconducting Order Parameter in Sr_2RuO_4 . Journal of Superconductivity and Novel Magnetism, 2021, 34, 1647-1673. | 0.8 | 22 |
| 3 | Anisotropic Berry phase in the Dirac nodal-line semimetal ZrSiS : The effect of spin-orbit coupling. Physical Review B, 2021, 103, . | 1.1 | 8 |
| 4 | Superconducting fluctuation induced conductance corrections near a pair-breaking quantum phase transition in doubly connected ultrathin cylinders of Al. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1. | 2.0 | 0 |
| 5 | Electric field induced metallic behavior in thin crystals of ferroelectric In_2Se_3 . Applied Physics Letters, 2020, 117, . | 1.5 | 17 |
| 6 | Quantum transport in three-dimensional metal lattices of platinum featuring an unprecedentedly large surface area to volume ratio. Physical Review Materials, 2020, 4, . | 0.9 | 3 |
| 7 | Ion intercalation engineering of electronic properties of two-dimensional crystals of 2H-TaSe_2 . Physical Review Materials, 2019, 3, . | 0.9 | 13 |
| 8 | Existence of electron and hole pockets and partial gap opening in the correlated semimetal $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2018, 98, . | 1.1 | 14 |
| 9 | Angle-dependent magnetoresistance as a sensitive probe of the charge density wave in quasi-one-dimensional semimetal Ta_2NiSe_7 . Applied Physics Letters, 2018, 113, . | 1.5 | 5 |
| 10 | Vortex crossing, trapping, and pinning in superconducting nanowires of a NbSe_2 crystal. Physical Review B, 2016, 93, . | 1.1 | 2 |
| 11 | Vortex crossing and trapping in doubly connected mesoscopic loops of a single-crystal type-II superconductor. Physical Review B, 2015, 92, . | 1.1 | 9 |