

Colin Rylands

List of Publications by Year in descending order

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Roadmap on Atomtronics: State of the art and perspective. AVS Quantum Science, 2021, 3, . | 4.9 | 87 |
| 2 | Many-Body Dynamical Localization in a Kicked Lieb-Liniger Gas. Physical Review Letters, 2020, 124, 155302. | 7.8 | 21 |
| 3 | Loschmidt amplitude and work distribution in quenches of the sine-Gordon model. Physical Review B, 2019, 99, . | 3.2 | 18 |
| 4 | Chiral Anomaly in Interacting Condensed Matter Systems. Physical Review Letters, 2021, 126, 185303. | 7.8 | 16 |
| 5 | Quantum impurity in a Luttinger liquid: Exact solution of the Kane-Fisher model. Physical Review B, 2016, 94, . | 3.2 | 14 |
| 6 | Quantum dot at a Luttinger liquid edge. Physical Review B, 2017, 96, . | 3.2 | 14 |
| 7 | Photon-Mediated Peierls Transition of a 1D Gas in a Multimode Optical Cavity. Physical Review Letters, 2020, 125, 010404. | 7.8 | 13 |
| 8 | Quantum work of an optical lattice. Physical Review B, 2019, 100, . | 3.2 | 9 |
| 9 | Nonequilibrium Aspects of Integrable Models. Annual Review of Condensed Matter Physics, 2020, 11, 147-168. | 14.5 | 9 |
| 10 | Loschmidt echo of far-from-equilibrium fermionic superfluids. Annals of Physics, 2021, 435, 168554. | 2.8 | 9 |
| 11 | Kondo impurity at the edge of a superconducting wire. Physical Review Research, 2020, 2, . | 3.6 | 8 |
| 12 | Quantum dot in interacting environments. Physical Review B, 2018, 97, . | 3.2 | 7 |
| 13 | Exact boundary modes in an interacting quantum wire. Physical Review B, 2020, 101, . | 3.2 | 5 |
| 14 | Non-Abelian bosonization in a $s=1$ $1D$ Kondo semimetal via quantum anomalies. Physical Review B, 2022, 105, . | 3.2 | 2 |
| 15 | Universal nonequilibrium $s=1$ $1D$ Kondo-Luttinger quantum critical point. Physical Review B, 2020, 102, . | 3.2 | 1 |
| 16 | Rise and fall of Yu-Shiba-Rusinov bound states in charge-conserving $s=1$ $1D$ wave one-dimensional superconductors. Physical Review B, 2022, 105, . | 3.2 | 1 |