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Effective narrow ladder model for quantum multi wires on a semi-conducting substrate
2. **Anders, Frithjof**
Non-equilibrium spin dynamics in periodically pumped quantum dots
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Nonequilibrium transport in correlated impurities and photovoltaics
4. **Assaad, Fakher**
The ALF (Algorithms for Lattice Fermions) open source project
5. **Baez, Laura**
Practical quantum advantage of dynamical structure factors in analogue quantum simulations
6. **Behrends, Jan**
The tenfold way and many-body zero modes in the Sachdev-Ye-Kitaev model
7. **Budich, Jan Carl**
Chiral topological phases from artificial neural networks

Disentangling sources of quantum entanglement in quench dynamics
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Twisted light - new perspectives to probe topological solids
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Memories of initial states and density imbalance in dynamics of interacting disordered systems

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Charge pumping along tailored paths in two-dimensional integer and fractional Chern insulators
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Floquet-induced superfluidity in a driven Hubbard model
13. **Eisert, Jens**
Overcoming the entanglement barrier in simulating long-time evolution
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Dynamical topological quantum phase transitions in nonintegrable models
16. **Hegde, Suraj**
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Multiloop functional renormalization group for response functions
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 $SU(4)$ Heisenberg model on the honeycomb lattice with exchange-frustrated perturbations: implications for twistrionics and Mott insulators
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21. **Khedri, Andisheh**
Combining the functional renormalization group with the density functional theory for realistic two dimensional materials
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Revisiting cellular dynamical mean-field theory on the two-particle level
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Numerical renormalization group method for computing four-point correlation functions
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Imaging the Wigner crystal of electrons in one dimension
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Investigating the roots of the nonlinear Luttinger liquid phenomenology

33. **Mitscherling, Johannes**
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One proximate Kitaev spin liquid in the K - J - Γ model on the honeycomb lattice
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Combining dynamical quantum typicality and numerical linked cluster expansions

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56. **Uhrig, Götz**
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