

# Bernhard Irsigler

## List of Publications by Year in descending order

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11  
papers

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1478505

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1372567

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12  
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#	ARTICLE	IF	CITATIONS
1	Topological Mott transition in a Weyl-Hubbard model: Dynamical mean-field theory study. Physical Review B, 2021, 103, .	3.2	6
2	Spin-orbit coupling in the kagome lattice with flux and time-reversal symmetry. Physical Review B, 2021, 103, .	3.2	5
3	Bulk topological proximity effect in multilayer systems. Physical Review B, 2020, 102, .	3.2	4
4	Local Chern marker of smoothly confined Hofstadter fermions. Physical Review A, 2020, 101, .	2.5	5
5	Measuring an interaction-induced topological phase transition via the single-particle density matrix. Physical Review A, 2020, 101, .	2.5	9
6	Interaction-driven topological phase transitions in fermionic SU(3) systems. Physical Review B, 2020, 101, .	3.2	12
7	Z <sub>2</sub> characterization for three-dimensional multiband Hubbard models. Physical Review Research, 2020, 2, .	3.6	5
8	Microscopic characteristics and tomography scheme of the local Chern marker. Physical Review A, 2019, 100, .	2.5	10
9	Spin-imbalance-induced transverse magnetization in the Hofstadter-Hubbard model. Physical Review A, 2019, 99, .	2.5	8
10	Interacting Hofstadter Interface. Physical Review Letters, 2019, 122, 010406.	7.8	22
11	Dimensionally induced one-dimensional to three-dimensional phase transition of the weakly interacting ultracold Bose gas. Physical Review A, 2017, 95, .	2.5	7