

Manuel Weber

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

164
citations

1162889

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1199470

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times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional Holstein-Hubbard model: Critical temperature, Ising universality, and bipolaron liquid. <i>Physical Review B</i> , 2018, 98, .	1.1	44
2	Excitation spectra and correlation functions of quantum Su-Schrieffer-Heeger models. <i>Physical Review B</i> , 2015, 91, .	1.1	36
3	Phonon spectral function of the one-dimensional Holstein-Hubbard model. <i>Physical Review B</i> , 2015, 91, .	1.1	15
4	Competing orders and unconventional criticality in the Su-Schrieffer-Heeger model. <i>Physical Review Research</i> , 2020, 2, .	1.3	13
5	Directed-Loop Quantum Monte Carlo Method for Retarded Interactions. <i>Physical Review Letters</i> , 2017, 119, 097401.	2.9	12
6	Continuous-time quantum Monte Carlo for fermion-boson lattice models: Improved bosonic estimators and application to the Holstein model. <i>Physical Review B</i> , 2016, 94, .	1.1	11
7	Valence bond order in a honeycomb antiferromagnet coupled to quantum phonons. <i>Physical Review B</i> , 2021, 103, .	1.1	8
8	Quantum Monte Carlo simulation of spin-boson models using wormhole updates. <i>Physical Review B</i> , 2022, 105, .	1.1	8
9	Thermal and quantum lattice fluctuations in Peierls chains. <i>Physical Review B</i> , 2018, 98, .	1.1	7
10	Thermodynamic and spectral properties of adiabatic Peierls chains. <i>Physical Review B</i> , 2016, 94, .	1.1	6
11	Real-time evolution of static electron-phonon models in time-dependent electric fields. <i>Physical Review E</i> , 2022, 105, 025301.	0.8	3
12	Kondo screening of spin-charge separated fluxons by a helical liquid. <i>Physical Review B</i> , 2014, 89, .	1.1	1