

Anna Kauch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6065584/publications.pdf>

Version: 2024-02-01

27
papers

429
citations

840776

11
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Magnus-type integrators for solar energy conversion in Hubbard models. Journal of Computational Mathematics and Data Science, 2022, 2, 100018.	2.3	1
2	The plain and simple parquet approximation: single- and multi-boson exchange in the two-dimensional Hubbard model. European Physical Journal B, 2022, 95, 69.	1.5	5
3	Self-consistent ladder dynamical vertex approximation. Physical Review B, 2021, 103, .	3.2	19
4	Tiling with triangles: parquet and \mathbb{Z}_2 methods unified. Physical Review Research, 2021, 3, .	3.6	19
5	Tracking the Footprints of Spin Fluctuations: A MultiMethod, MultiMessenger Study of the Two-Dimensional Hubbard Model. Physical Review X, 2021, 11, .	8.9	87
6	Solving the Bethe-Salpeter equation with exponential convergence. Physical Review Research, 2021, 3, .	3.6	11
7	Broadening and sharpening of the Drude peak through antiferromagnetic fluctuations. Physical Review B, 2021, 104, .	3.2	6
8	Electron-light interaction in nonequilibrium: exact diagonalization for time-dependent Hubbard Hamiltonians. European Physical Journal Plus, 2020, 135, 922.	2.6	7
9	Truncated unity parquet solver. Physical Review B, 2020, 101, .	3.2	31
10	Generic Optical Excitations of Correlated Systems: \mathbb{Z}_2 -tons. Physical Review Letters, 2020, 124, 047401.	7.8	38
11	Parquet dual fermion approach for the Falicov-Kimball model. Physical Review B, 2020, 101, .	3.2	13
12	Enhancement of impact ionization in Hubbard clusters by disorder and next-nearest-neighbor hopping. Physical Review B, 2020, 102, .	3.2	7
13	Quantitative functional renormalization group description of the two-dimensional Hubbard model. Physical Review Research, 2020, 2, .	3.6	39
14	Competition between antiferromagnetic and charge density wave fluctuations in the extended Hubbard model. Physical Review B, 2019, 100, .	3.2	10
15	The victory project v1.0: An efficient parquet equations solver. Computer Physics Communications, 2019, 241, 146-154.	7.5	22
16	Parquet approximation for molecules: Spectrum and optical conductivity of the Pariser-Parr-Pople model. Physical Review B, 2019, 99, .	3.2	18
17	Thermodynamically consistent description of criticality in models of correlated electrons. Physical Review B, 2017, 95, .	3.2	28
18	Mean-field approximation for thermodynamic and spectral functions of correlated electrons: Strong coupling and arbitrary band filling. Physical Review B, 2017, 95, .	3.2	11

#	ARTICLE	IF	CITATIONS
19	Spectral properties and phase diagram of correlated lattice bosons in an optical cavity within bosonic dynamical mean-field theory. <i>Physical Review B</i> , 2017, 95, .	3.2	22
20	Simplified Parquet Equations for the Anderson Impurity Model: Comparison with Numerically Exact Solutions. <i>Acta Physica Polonica A</i> , 2017, 131, 1042-1044.	0.5	0
21	Numerical calculation of spectral functions of the Bose-Hubbard model using bosonic dynamical mean-field theory. <i>Physical Review B</i> , 2015, 92, .	3.2	10
22	Ergodicity breaking in frustrated disordered systems: replicas in mean-field spin-glass models. <i>Phase Transitions</i> , 2015, 88, 245-263.	1.3	2
23	Free energy of mean-field spin-glass models: Evolution operator and perturbation expansion. <i>Physical Review B</i> , 2013, 87, .	3.2	5
24	Strong-coupling solution of the bosonic dynamical mean-field theory. <i>Physical Review B</i> , 2012, 85, .	3.2	6
25	Variational local moment approach: From Kondo effect to Mott transition in correlated electron systems. <i>Physica B: Condensed Matter</i> , 2012, 407, 209-217.	2.7	7
26	Local Moment Approach to Multi-Orbital Anderson and Hubbard Models. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2008, , 85-95.	0.3	1
27	Local moment approach to multi-orbital single impurity Anderson model: Application to dynamical mean-field theory. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 297-298.	2.7	4