

Agnieszka Cichy

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

172
citations

1163117

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1125743

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21
all docs

21
docs citations

21
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Lifshitz transition and its consequences in multi-band iron-based superconductors. Scientific Reports, 2017, 7, 41979.	3.3	30
2	Twisted mass, overlap and Creutz fermions: Cut-off effects at tree-level of perturbation theory. Nuclear Physics B, 2008, 800, 94-108.	2.5	24
3	Critical behavior in one dimension: Unconventional pairing, phase separation, BEC-BCS crossover, and magnetic Lifshitz transition. Physical Review A, 2017, 95, .	2.5	18
4	The spin-imbalanced attractive Hubbard model in $d=3$: Phase diagrams and BCS-BEC crossover at low filling. Annals of Physics, 2014, 347, 207-249.	2.8	14
5	Stability of superfluid phases in the 2D spin-polarized attractive Hubbard model. Europhysics Letters, 2011, 95, 37003.	2.0	12
6	Lattice Hamiltonian approach to the massless Schwinger model: Precise extraction of the mass gap. Computer Physics Communications, 2013, 184, 1666-1672.	7.5	12
7	Reentrant Fulde-Ferrell-Larkin-Ovchinnikov superfluidity in the honeycomb lattice. Physical Review A, 2018, 97, .	2.5	10
8	Breaking of SU(4) symmetry and interplay between strongly correlated phases in the Hubbard model. Physical Review B, 2017, 95, .	3.2	9
9	Phase Transitions in Quasi-One-Dimensional System with Unconventional Superconductivity. Journal of Superconductivity and Novel Magnetism, 2018, 31, 697-702.	1.8	7
10	Quantum engineering of Majorana quasiparticles in one-dimensional optical lattices. Journal of Physics Condensed Matter, 2018, 30, 355602.	1.8	7
11	Phase separations induced by a trapping potential in one-dimensional fermionic systems as a source of core-shell structures. Scientific Reports, 2019, 9, 6719.	3.3	7
12	Competition between Abelian and Zeeman magnetic field effects in a two dimensional ultracold gas of fermions. Annals of Physics, 2015, 354, 89-100.	2.8	5
13	Orbital magnetism of ultracold fermionic gases in a lattice: Dynamical mean-field approach. Physical Review A, 2016, 93, .	2.5	5
14	Orbital ordering of ultracold alkaline-earth atoms in optical lattices. Physical Review Research, 2020, 2, .	3.6	4
15	Suppression and revival of long-range ferromagnetic order in the multiorbital Fermi-Hubbard model. Physical Review B, 2018, 97, .	3.2	3
16	Connection between the semiconductor-superconductor transition and the spin-polarized superconducting phase in the honeycomb lattice. Physical Review B, 2022, 105, .	3.2	2
17	Superfluidity of fermionic pairs in a harmonic trap. Comparative studies: Local Density Approximation and Bogoliubov-de Gennes solutions. Journal of Physics Communications, 2020, 4, 055006.	1.2	1
18	Lattice Hamiltonian approach to the Schwinger model. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Low-Temperature Phases in Two-Orbital Hubbard Model Realized with Ultracold Atoms in Optical Lattices. Acta Physica Polonica A, 2020, 138, 669-672.	0.5	1
20	Transport of Strongly Correlated Bosons in an Optical Lattice. Physica Status Solidi (B): Basic Research, 2019, 256, 1800752.	1.5	0
21	Cutoff effects for Wilson twisted mass fermions at tree-level of perturbation theory. , 2008, , .		0