Agnieszka Cichy

List of Publications by Year
in descending order

21	172	1163117 8	1125743 13
papers	citations	h-index	g-index

21	21	21	185
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Connection between the semiconductor-superconductor transition and the spin-polarized superconducting phase in the honeycomb lattice. Physical Review B, 2022, 105, .	3.2	2
2	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
3	Orbital ordering of ultracold alkaline-earth atoms in optical lattices. Physical Review Research, 2020, 2, .	3.6	4
4	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
5	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
6	Transport of Strongly Correlated Bosons in an Optical Lattice. Physica Status Solidi (B): Basic Research, 2019, 256, 1800752.	1.5	0
7	Phase Transitions in Quasi-One-Dimensional System with Unconventional Superconductivity. Journal of Superconductivity and Novel Magnetism, 2018, 31, 697-702.	1.8	7
8	Reentrant Fulde-Ferrell-Larkin-Ovchinnikov superfluidity in the honeycomb lattice. Physical Review A, 2018, 97, .	2.5	10
9	Suppression and revival of long-range ferromagnetic order in the multiorbital Fermi-Hubbard model. Physical Review B, 2018, 97, .	3.2	3
10	Quantum engineering of Majorana quasiparticles in one-dimensional optical lattices. Journal of Physics Condensed Matter, 2018, 30, 355602.	1.8	7
11	Magnetic Lifshitz transition and its consequences in multi-band iron-based superconductors. Scientific Reports, 2017, 7, 41979.	3.3	30
12	Breaking of SU(4) symmetry and interplay between strongly correlated phases in the Hubbard model. Physical Review B, 2017, 95, .	3.2	9
13	Critical behavior in one dimension: Unconventional pairing, phase separation, BEC-BCS crossover, and magnetic Lifshitz transition. Physical Review A, 2017, 95, .	2.5	18
14	Orbital magnetism of ultracold fermionic gases in a lattice: Dynamical mean-field approach. Physical Review A, 2016, 93, .	2.5	5
15	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
16	Lattice Hamiltonian approach to the Schwinger model. , 2015, , .		1
17	The spin-imbalanced attractive Hubbard model in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si285.gif" display="inline" overflow="scroll"><mml:mi>d</mml:mi><mml:mo>=</mml:mo><mml:mn>3</mml:mn></mml:math>: Phase diagrams and BCSâ€“BEC crossover at low filling. Annals of Physics, 2014, 347, 207-249.	2.8	14
18	Lattice Hamiltonian approach to the massless Schwinger model: Precise extraction of the mass gap. Computer Physics Communications, 2013, 184, 1666-1672.	7.5	12

#	Article	IF	Citations
19	Stability of superfluid phases in the 2D spin-polarized attractive Hubbard model. Europhysics Letters, 2011, 95, 37003.	2.0	12
20	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
21	Cutoff effects for Wilson twisted mass fermions at tree-level of perturbation theory. , 2008, , .		0