

Jiang Min Zhang

List of Publications by Year in descending order

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27
papers

605
citations

623734

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27
all docs

27
docs citations

27
times ranked

571
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic-field-induced nontrivial electronic state in the Kondo-lattice semimetal CeSb. Physical Review B, 2020, 101, .	3.2	18
2	An exactly solvable toy model. European Journal of Physics, 2020, 42, 025401.	0.6	0
3	Inferring the smoothness of the autocorrelation function from that of the initial state. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 465305.	2.1	0
4	On an exactly solvable toy model and its dynamics. European Journal of Physics, 2019, 40, 035401.	0.6	1
5	Dynamical Friedel oscillations of a Fermi sea. Physical Review B, 2018, 97, .	3.2	4
6	Geometric entanglement in the Laughlin wave function. New Journal of Physics, 2017, 19, 083019.	2.9	0
7	Sudden jumps and plateaus in the quench dynamics of a Bloch state. Europhysics Letters, 2016, 116, 10008.	2.0	17
8	Fermi's golden rule: its derivation and breakdown by an ideal model. European Journal of Physics, 2016, 37, 065406.	0.6	25
9	Optimal Slater-determinant approximation of fermionic wave functions. Physical Review A, 2016, 94, .	2.5	7
10	Cusps in the quench dynamics of a Bloch state. Europhysics Letters, 2016, 114, 60001.	2.0	17
11	Integrability and weak diffraction in a two-particle Bose-Hubbard model. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 465303.	2.1	3
12	Optimal multiconfiguration approximation of an N -fermion wave function. Physical Review A, 2014, 89, .	2.5	14
13	Nonsmooth and level-resolved dynamics illustrated with a periodically driven tight-binding model. ScienceOpen Research, 2014, .	0.6	0
14	Bound states in the one-dimensional two-particle Hubbard model with an impurity. Physical Review A, 2013, 87, .	2.5	26
15	Controlling phase separation of a two-component Bose-Einstein condensate by confinement. Physical Review A, 2012, 85, .	2.5	67
16	Strong thermalization of the two-component Bose-Hubbard model at finite temperatures. Physical Review A, 2012, 85, .	2.5	10
17	Dynamical predictive power of the generalized Gibbs ensemble revealed in a second quench. Physical Review E, 2012, 85, 041138.	2.1	7
18	Bound States in the Continuum Realized in the One-Dimensional Two-Particle Hubbard Model with an Impurity. Physical Review Letters, 2012, 109, 116405.	7.8	62

#	ARTICLE	IF	CITATIONS
19	Quantum quench dynamics of the Bose-Hubbard model at finite temperatures. Physical Review A, 2011, 83, .	2.5	15
20	Light-scattering detection of quantum phases of ultracold atoms in optical lattices. Physical Review A, 2011, 83, .	2.5	22
21	Exact diagonalization: the Bose-Hubbard model as an example. European Journal of Physics, 2010, 31, 591-602.	0.6	99
22	Directed coherent transport due to the Bloch oscillation in two dimensions. Physical Review A, 2010, 82, .	2.5	15
23	Probing the quantum ground state of a spin-1 Bose-Einstein condensate with cavity transmission spectra. Physical Review A, 2009, 80, .	2.5	11
24	Nonlinear dynamics of a cigar-shaped Bose-Einstein condensate in an optical cavity. Physical Review A, 2009, 79, .	2.5	66
25	Cavity QED with cold atoms trapped in a double-well potential. Physical Review A, 2008, 77, .	2.5	52
26	Mean-field dynamics of a Bose Josephson junction in an optical cavity. Physical Review A, 2008, 78, .	2.5	44
27	Effect of the post-As+ Implantation thermal treatment on MBE HgCdTe optical properties. Journal of Electronic Materials, 1996, 25, 761-764.	2.2	3