

Tong Peiqing

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

284
citations

933447

10
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Fidelity, fidelity susceptibility, and von Neumann entropy to characterize the phase diagram of an extended Harper model. Physical Review B, 2008, 78, .	3.2	38
2	Lee-Yang Zeros of Periodic and Quasiperiodic Anisotropic XY Chains in a Transverse Field. Physical Review Letters, 2006, 97, 017201.	7.8	37
3	Wigner's Yanase skew information and quantum phase transition in one-dimensional quantum spin-1/2 chains. Quantum Information Processing, 2016, 15, 1811-1825.	2.2	27
4	Directed momentum current induced by the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mi} \text{mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -symmetric driving. Physical Review E, 2019, 99, 042201.	2.1	22
5	Mode entanglement of an electron in one-dimensional determined and random potentials. Physical Review A, 2005, 71, .	2.5	17
6	Work done and irreversible entropy production in a suddenly quenched quantum spin chain with asymmetrical excitation spectra. Physical Review E, 2015, 91, 032137.	2.1	16
7	Testing the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \rangle \text{d} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \text{x} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{X} \langle \text{mml:mi} \rangle \text{Y} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ pairing symmetry by quasiparticle interference and Knight shift in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{BiS} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ chains. Physical Review B, 2014, 90, .	3.2	14
8	Localization-delocalization transitions in a two-dimensional quantum percolation model: von Neumann entropy studies. Physical Review B, 2009, 80, .	3.2	13
9	Electronic Properties of the 1D Frenkel-Kontorova Model. Physical Review Letters, 2002, 88, 046804.	7.8	12
10	Influence of weak disorder on the dynamical quantum phase transitions in the anisotropic XY chain. Physical Review B, 2020, 102, .	3.2	12
11	Superexponential diffusion in nonlinear non-Hermitian systems. Physical Review A, 2020, 102, .	2.5	12
12	Loschmidt echo of a two-level qubit coupled to nonuniform anisotropic $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{X} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{Y} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ chains in a transverse field. Physical Review A, 2011, 84, .	2.5	10
13	Dynamical thermalization of Frenkel-Kontorova model in the thermodynamic limit. Physical Review E, 2016, 93, 022216.	2.1	10
14	von Neumann entropy and localization properties of two interacting particles in one-dimensional nonuniform systems. Physical Review B, 2007, 76, .	3.2	9
15	One-dimensional quantum walks subject to next-nearest-neighbour hopping decoherence. Quantum Information Processing, 2015, 14, 2357-2372.	2.2	7
16	Probing active/passive bands by quasiparticle interference in Sr ₂ RuO ₄ . Physical Review B, 2013, 88, .	3.2	6
17	The effects of dissipation on topological mechanical systems. Scientific Reports, 2016, 6, 32572.	3.3	4
18	Dynamical quantum phase transition in XY chains with the Dzyaloshinskii-Moriya and XYZ's three-site interactions. Chinese Physics B, 2022, 31, 060505.	1.4	4

#	ARTICLE	IF	CITATIONS
19	Synthesizing and controlling helical indirect exchange interactions out of equilibrium. Physical Review B, 2018, 98, .	3.2	3
20	Spatial spin flipping and spin switching phenomena on a Y-shaped graphene nanoribbon ferromagnetic junction with Rashba spin orbit coupling and strain. Journal of Physics Condensed Matter, 2021, 33, 335302.	1.8	3
21	Effects of weak disorder on the thermalization of Fermiâ€“Pastaâ€“Ulamâ€“Tsingou model. New Journal of Physics, 2020, 22, 073027.	2.9	3
22	LEE-YANG ZEROS AND QUANTUM PHASE TRANSITIONS OF NONUNIFORM ANISOTROPIC CHAINS IN A TRANSVERSE FIELD. International Journal of Modern Physics B, 2007, 21, 4225-4229.	2.0	2
23	The effects of KSEA interaction on the ground-state properties of spin chains in a transverse field. European Physical Journal B, 2020, 93, 1.	1.5	2
24	THE FINITE-SIZE EFFECT ON THE ENTANGLEMENT OF THE QUANTUM ISING CHAIN. International Journal of Modern Physics B, 2004, 18, 2564-2568.	2.0	1
25	Exploring the effects of phase modulation on the dynamics of the kicked rotor systems. Physical Review E, 2022, 105, 014212.	2.1	0
26	Even-odd chain dependent spin valve effect on a zigzag biphenylene nanoribbon junction. Journal of Physics Condensed Matter, 2022, 34, 395301.	1.8	0