

Tong Peiqing

List of Publications by Year in descending order

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26
papers

284
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933447

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docs citations

26
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamical quantum phase transition in XY chains with the Dzyaloshinskii-Moriya and XYZ three-site interactions. Chinese Physics B, 2022, 31, 060505.	1.4	4
2	Exploring the effects of phase modulation on the dynamics of the kicked rotor systems. Physical Review E, 2022, 105, 014212.	2.1	0
3	Even-odd chain dependent spin valve effect on a zigzag biphenylene nanoribbon junction. Journal of Physics Condensed Matter, 2022, 34, 395301.	1.8	0
4	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
5	Influence of weak disorder on the dynamical quantum phase transitions in the anisotropic XY chain. Physical Review B, 2020, 102, .	3.2	12
6	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
7	Effects of weak disorder on the thermalization of Fermi-Pasta-Ulam-Tsingou model. New Journal of Physics, 2020, 22, 073027.	2.9	3
8	Superexponential diffusion in nonlinear non-Hermitian systems. Physical Review A, 2020, 102, .	2.5	12
9	Directed momentum current induced by the $\langle \mathbb{m}l:\mathbb{m}ath \mathbb{x}mlns:\mathbb{m}ml="http://www.w3.org/1998/Math/MathML">\langle \mathbb{m}ml:\mathbb{m}ath \mathbb{m}athvariant="script">PT\langle \mathbb{m}ml:\mathbb{m}i>\langle \mathbb{m}ml:\mathbb{m}ath>$ -symmetric driving. Physical Review E, 2019, 99, 042201.	2.1	22
10	Synthesizing and controlling helical indirect exchange interactions out of equilibrium. Physical Review B, 2018, 98, .	3.2	3
11	Dynamical thermalization of Frenkel-Kontorova model in the thermodynamic limit. Physical Review E, 2016, 93, 022216.	2.1	10
12	The effects of dissipation on topological mechanical systems. Scientific Reports, 2016, 6, 32572.	3.3	4
13	Wigner-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
14	One-dimensional quantum walks subject to next-nearest-neighbour hopping decoherence. Quantum Information Processing, 2015, 14, 2357-2372.	2.2	7
15	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
16	Testing the $\langle \mathbb{m}ml:\mathbb{m}ath \mathbb{x}mlns:\mathbb{m}ml="http://www.w3.org/1998/Math/MathML">\langle \mathbb{m}ml:\mathbb{m}subsup>\langle \mathbb{m}ml:\mathbb{m}i>d\langle \mathbb{m}ml:\mathbb{m}i>\langle \mathbb{m}ml:\mathbb{m}row>\langle \mathbb{m}ml:\mathbb{m}sup>\langle \mathbb{m}ml:\mathbb{m}i>x\langle \mathbb{m}ml:\mathbb{m}i>$ pairing symmetry by quasiparticle interference and Knight shift in $\langle \mathbb{m}ml:\mathbb{m}ath \mathbb{x}mlns:\mathbb{m}ml="http://www.w3.org/1998/Math/MathML">\langle \mathbb{m}ml:\mathbb{m}sub>\langle \mathbb{m}ml:\mathbb{m}i \mathbb{m}athvariant="normal">BiS\langle \mathbb{m}ml:\mathbb{m}i>\langle \mathbb{m}ml:\mathbb{m}n>2\langle \mathbb{m}ml:\mathbb{m}n>\langle \mathbb{m}ml:\mathbb{m}sub>\langle \mathbb{m}ml:\mathbb{m}a$. Physical Review B, 2014, 90, .	3.2	14
17	Probing active/passive bands by quasiparticle interference in Sr ₂ RuO ₄ . Physical Review B, 2013, 88, .	3.2	6
18	Loschmidt echo of a two-level qubit coupled to nonuniform anisotropic $\langle \mathbb{m}ml:\mathbb{m}ath \mathbb{x}mlns:\mathbb{m}ml="http://www.w3.org/1998/Math/MathML">\mathbb{d}isplay="inline">\langle \mathbb{m}ml:\mathbb{m}row>\langle \mathbb{m}ml:\mathbb{m}i>X\langle \mathbb{m}ml:\mathbb{m}i>\langle \mathbb{m}ml:\mathbb{m}i>Y\langle \mathbb{m}ml:\mathbb{m}i>\langle \mathbb{m}ml:\mathbb{m}row>\langle \mathbb{m}ml:\mathbb{m}ath>$ chains in a transverse field. Physical Review A, 2011, 84, .	2.5	10

#	ARTICLE	IF	CITATIONS
19	Localization-delocalization transitions in a two-dimensional quantum percolation model: von Neumann entropy studies. <i>Physical Review B</i> , 2009, 80, .	3.2	13
20	Fidelity, fidelity susceptibility, and von Neumann entropy to characterize the phase diagram of an extended Harper model. <i>Physical Review B</i> , 2008, 78, .	3.2	38
21	LEE-YANG ZEROS AND QUANTUM PHASE TRANSITIONS OF NONUNIFORM ANISOTROPIC CHAINS IN A TRANSVERSE FIELD. <i>International Journal of Modern Physics B</i> , 2007, 21, 4225-4229.	2.0	2
22	von Neumann entropy and localization properties of two interacting particles in one-dimensional nonuniform systems. <i>Physical Review B</i> , 2007, 76, .	3.2	9
23	Lee-Yang Zeros of Periodic and Quasiperiodic Anisotropic XY Chains in a Transverse Field. <i>Physical Review Letters</i> , 2006, 97, 017201.	7.8	37
24	Mode entanglement of an electron in one-dimensional determined and random potentials. <i>Physical Review A</i> , 2005, 71, .	2.5	17
25	THE FINITE-SIZE EFFECT ON THE ENTANGLEMENT OF THE QUANTUM ISING CHAIN. <i>International Journal of Modern Physics B</i> , 2004, 18, 2564-2568.	2.0	1
26	Electronic Properties of the 1D Frenkel-Kontorova Model. <i>Physical Review Letters</i> , 2002, 88, 046804.	7.8	12