

Chang-Pu Sun

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

947
citations

687363

13
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ symmetry in coupled optomechanical systems. Physical Review A, 2015, 92, .	2.5	120
2	Fidelity susceptibility and long-range correlation in the Kitaev honeycomb model. Physical Review A, 2008, 78, .	2.5	116
3	Evolution of the wave function in a dissipative system. Physical Review A, 1994, 49, 592-595.	2.5	113
4	Quantum dynamical model for wave-function reduction in classical and macroscopic limits. Physical Review A, 1993, 48, 898-906.	2.5	90
5	Generalizing Born-Oppenheimer approximations and observable effects of an induced gauge field. Physical Review D, 1990, 41, 1349-1352.	4.7	85
6	High-order quantum adiabatic approximation and Berry's phase factor. Journal of Physics A, 1988, 21, 1595-1599.	1.6	79
7	Exact dynamics of a quantum dissipative system in a constant external field. Physical Review A, 1995, 51, 1845-1853.	2.5	76
8	Quantum Dynamical Approach of Wavefunction Collapse in Measurement Process and Its Application to Quantum Zeno Effect. , 1995, 43, 585-612.		42
9	Coherent excitation transfer via the dark-state channel in a bionic system. Light: Science and Applications, 2012, 1, e2-e2.	16.6	41
10	High-order adiabatic approximation for non-Hermitian quantum system and complexification of Berry's phase. Physica Scripta, 1993, 48, 393-398.	2.5	37
11	High-order adiabatic approximations related to non-Abelian Berry's phase factors and nuclear quadrupole resonance. Physical Review D, 1990, 41, 1318-1323.	4.7	31
12	Detection mechanism for quantum phase transition in superconducting qubit array. Physical Review B, 2007, 76, .	3.2	31
13	Boosting the performance of quantum Otto heat engines. Physical Review E, 2019, 100, 032144.	2.1	27
14	Analytic treatment of high-order adiabatic approximations of two-neutrino oscillations in matter. Physical Review D, 1988, 38, 2908-2910.	4.7	17
15	Effects of a Moving Mass Centre on Atomic Dynamics in Locally Inhomogeneous Quantized Cavity Field. Journal of Modern Optics, 1995, 42, 515-521.	1.3	14
16	Generalization of Cini's model for quantum measurement and dynamical realization of wavefunction collapse. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 198, 371-377.	2.1	11
17	Test of quantum adiabatic approximation via exactly-solvable dynamics of high-spin precession. Physica Scripta, 1995, 51, 16-18.	2.5	5
18	Physical Effects of U(1)-Induced Gauge Field and Their Non-Adiabatic Corrections for the Cases with Arbitrary Spin. Communications in Theoretical Physics, 1990, 13, 63-70.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Scattering of electrons by a Bose-Einstein condensate of alkali-metal atoms. Physical Review A, 2001, 64, .	2.5	4
20	Noise suppression for micromechanical resonator via intrinsic dynamic feedback. Frontiers of Physics in China, 2008, 3, 294-305.	1.0	3
21	Berry's Phase Effects in Spin Precession of Relativistic Neutral Particle in Slowly Changing Magnetic Field. Communications in Theoretical Physics, 1989, 12, 479-482.	2.5	1
22	Exactly-solvable dynamics of neutron in a helical magnetic field and geometric effects in the limit of strong field. Physica Scripta, 1995, 51, 673-675.	2.5	0
23	A QUANTUM SIMULATOR FOR PROBING MOTT LOBES VIA THE AC JOSEPHSON EFFECT. International Journal of Quantum Information, 2013, 11, 1350049.	1.1	0