

Chong Li

List of Publications by Year in descending order

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papers

693
citations

567281

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56
docs citations

56
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum synchronization in an optomechanical system based on Lyapunov control. <i>Physical Review E</i> , 2016, 93, 062221.	2.1	66
2	Parity-time-symmetry enhanced optomechanically-induced-transparency. <i>Scientific Reports</i> , 2016, 6, 31095.	3.3	62
3	Simultaneous blockade of a photon, phonon, and magnon induced by a two-level atom. <i>Physical Review A</i> , 2020, 101, .	2.5	58
4	Quantum synchronization and quantum state sharing in an irregular complex network. <i>Physical Review E</i> , 2017, 95, 022204.	2.1	48
5	A random quantum key distribution achieved by using Bell states. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2003, 5, 155-157.	1.4	33
6	Properties and relative measure for quantifying quantum synchronization. <i>Physical Review E</i> , 2017, 96, 012211.	2.1	33
7	Ground-state cooling of a magnomechanical resonator induced by magnetic damping. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, 627.	2.1	31
8	Quantum Secure Direct Communication by Using General Entangled States. <i>International Journal of Theoretical Physics</i> , 2011, 50, 325-331.	1.2	26
9	Phonon laser in a cavity magnomechanical system. <i>Scientific Reports</i> , 2019, 9, 15723.	3.3	26
10	Quantum Secure Direct Communication Achieved by Using Multi-Entanglement. <i>International Journal of Theoretical Physics</i> , 2015, 54, 100-105.	1.2	22
11	Quantum synchronization in a star-type cavity QED network. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 42, 121-131.	3.3	22
12	Criterion of quantum synchronization and controllable quantum synchronization based on an optomechanical system. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 035503.	1.5	20
13	Criterion for general quantum teleportation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002, 297, 121-125.	2.1	19
14	Enhancing optomechanical force sensing via precooling and quantum noise cancellation. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	5.1	18
15	Using Nonlocal Coherence to Quantify Quantum Correlation. <i>International Journal of Theoretical Physics</i> , 2012, 51, 3350-3358.	1.2	15
16	Quantum optical diode based on Lyapunov control in a superconducting system. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018, 35, 2334.	2.1	14
17	All-optical quantum computing with a hybrid solid-state processing unit. <i>Physical Review A</i> , 2011, 84, .	2.5	13
18	Macroscopic Schrödinger cat state swapping in optomechanical system. <i>Optics Express</i> , 2020, 28, 9587.	3.4	13

#	ARTICLE	IF	CITATIONS
19	Nonreciprocal amplification in a cavity magnonics system. <i>Physical Review A</i> , 2022, 105, .	2.5	13
20	Synchronization between uncertain nonidentical networks with quantum chaotic behavior. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 461, 270-277.	2.6	12
21	Quantum parameter identification for a chaotic atom ensemble system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 672-677.	2.1	10
22	Quantum synchronization of chaotic oscillator behaviors among coupled BECâ€™optomechanical systems. <i>Quantum Information Processing</i> , 2017, 16, 1.	2.2	10
23	Controllable preparation of entangled coherent states with superconducting system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012, 376, 2418-2421.	2.1	9
24	Dynamics of quantum correlation of four qubits system. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 457, 437-442.	2.6	8
25	Application of machine learning for predicting strong phonon blockade. <i>Applied Physics Letters</i> , 2021, 118, 164003.	3.3	8
26	Atomâ€™Mediated Phonon Blockade and Controlledâ€™ Gate in Superconducting Circuit System. <i>Annalen Der Physik</i> , 2021, 533, 2100039.	2.4	7
27	CERTAIN QUANTUM KEY DISTRIBUTION ACHIEVED BY USING BELL STATES. <i>International Journal of Quantum Information</i> , 2006, 04, 899-906.	1.1	6
28	DETERMINISTIC SECURE QUANTUM COMMUNICATION ACHIEVED BY USING QUANTUM SWAPPING. <i>International Journal of Quantum Information</i> , 2008, 06, 493-502.	1.1	6
29	Long-distance quantum information transfer with strong coupling hybrid solid system. <i>Scientific Reports</i> , 2015, 5, 17025.	3.3	6
30	Observation of Non-Hermitian Quantum Correlation Criterion in Mesoscopic Optomechanical System. <i>International Journal of Theoretical Physics</i> , 2016, 55, 2097-2109.	1.2	6
31	The study of interference effect in a globally coupled quantum network. <i>Quantum Information Processing</i> , 2019, 18, 1.	2.2	5
32	Alternative New Notation for Quantum Information Theory. <i>International Journal of Theoretical Physics</i> , 2007, 46, 1815-1822.	1.2	4
33	Nonadiabatic geometric rotation of an electron spin in a quantum dot by 2i hyperbolic secant pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 125504.	1.5	4
34	Measurement of Quantum Correlation on Two-Mode Continuous State. <i>International Journal of Theoretical Physics</i> , 2016, 55, 1036-1042.	1.2	4
35	Observation and Measures of Robust Correlations for Continuous Variable System. <i>Communications in Theoretical Physics</i> , 2017, 68, 661.	2.5	4
36	Suppressing laser phase noise in an optomechanical system. <i>Frontiers of Physics</i> , 2022, 17, 1.	5.0	4

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37	Dynamics of quantum correlations for two mode entangled coherent fields. Results in Physics, 2017, 7, 3773-3777.	4.1	3
38	The Influence of Non-Markovian Characters on Quantum Adiabatic Evolution. Annalen Der Physik, 2019, 531, 1800234.	2.4	3
39	Non-Markovian Effects on Bell-Nonlocality Sudden Death in Tripartite. International Journal of Theoretical Physics, 2013, 52, 368-375.	1.2	2
40	The preparation of Bell state using ground state of Λ -type Rb atoms in two optical cavities. Optical and Quantum Electronics, 2014, 46, 1561-1569.	3.3	2
41	Entanglement Dynamics of Two Coupled Spins in a Spin Star Environment. International Journal of Theoretical Physics, 2014, 53, 1159-1167.	1.2	2
42	Flexible and experimentally feasible shortcut to quantum Zeno dynamic passage. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 3595-3600.	2.1	2
43	Realization of quantum information processing in quantum star network constituted by superconducting hybrid systems. Physica A: Statistical Mechanics and Its Applications, 2016, 463, 427-436.	2.6	2
44	Synchronization effect for uncertain quantum networks. Physica A: Statistical Mechanics and Its Applications, 2017, 465, 621-627.	2.6	2
45	QUANTUM ENTANGLEMENT OF PHOTONS IN DOUBLED q-FOCK SPACE. Modern Physics Letters A, 2001, 16, 2579-2589.	1.2	1
46	NEW EXPERIMENTAL PROTOCOL OF TELEPORTING AN ARBITRARY SINGLE-QUBIT STATE BY USING HYPERENTANGLED PHOTON PAIRS. International Journal of Quantum Information, 2009, 07, 1515-1520.	1.1	1
47	Multi-Qubits Entangled State Generation with Multiple Flux Qubits Coupled to a Coplanar Waveguide Resonator. International Journal of Theoretical Physics, 2011, 50, 2560-2566.	1.2	1
48	Bidirectional Storing and Exchanging of Quantum Message in a Two-Atom System. International Journal of Theoretical Physics, 2012, 51, 2552-2558.	1.2	1
49	Dynamics of Quantum Correlation of Two Atoms with Photon Recoil. International Journal of Theoretical Physics, 2013, 52, 2296-2302.	1.2	1
50	Entanglement acquirement from continuous variable system. International Journal of Quantum Information, 2016, 14, 1650038.	1.1	1
51	Maximal Coherence in a Pre-Selected Basis. International Journal of Theoretical Physics, 2019, 58, 1524-1533.	1.2	1
52	Optimal teleportation via a non-maximally entangled channel in qutrits system. International Journal of Theoretical Physics, 2021, 60, 3197-3208.	1.2	1
53	Quantum Discord for Two-Qubit System in a Symmetry-Broken Environment. International Journal of Theoretical Physics, 2012, 51, 3637-3646.	1.2	0
54	Thermalizing Quantum Correlations in Two-Atom System. International Journal of Theoretical Physics, 2013, 52, 3504-3511.	1.2	0

#	ARTICLE	IF	CITATIONS
55	Non-Markovian Dynamics of Two-level System in a Composite Environment. International Journal of Theoretical Physics, 2014, 53, 4291-4301.	1.2	0