

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

190 papers	3,349 citations	30 h-index	48 g-index
197 ext. papers	3,917 ext. citations	2.3 avg, IF	5.73 L-index

#	Paper	IF	Citations
190	Secure direct communication based on secret transmitting order of particles. <i>Physical Review A</i> , <b>2006</b> , 73,	2.6	237
189	Multiparty remote state preparation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2007</b> , 40, 3719-3724	1.3	171
188	Efficient shortcuts to adiabatic passage for fast population transfer in multiparticle systems. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	124
187	Fast and noise-resistant implementation of quantum phase gates and creation of quantum entangled states. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	108
186	Shortcuts to adiabatic passage for population transfer and maximum entanglement creation between two atoms in a cavity. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	104
185	Controlled quantum secure direct communication using a non-symmetric quantum channel with quantum superdense coding. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2007</b> , 364, 117-122	2.3	104
184	Method for constructing shortcuts to adiabaticity by a substitute of counterdiabatic driving terms. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	85
183	Joint remote state preparation of a W-type state via W-type states. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2010</b> , 374, 4483-4487	2.3	68
182	Linear optical protocol for preparation of N-photon Greenberger-Horne-Zeilinger state with conventional photon detectors. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 021127	3.4	64
181	Joint remote preparation of an arbitrary three-qubit state via EPR-type pairs. <i>Optics Communications</i> , <b>2011</b> , 284, 2617-2621	2	62
180	Fast preparation of W states with superconducting quantum interference devices by using dressed states. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	58
179	Shortcuts to adiabatic passage for fast generation of Greenberger-Horne-Zeilinger states by transitionless quantum driving. <i>Scientific Reports</i> , <b>2015</b> , 5, 15616	4.9	57
178	Quantum computation and entangled-state generation through adiabatic evolution in two distant cavities. <i>Europhysics Letters</i> , <b>2007</b> , 80, 60001	1.6	55
177	Generation of two-mode squeezed states for two separated atomic ensembles via coupled cavities. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	50
176	Teleportation of an N-photon Greenberger-Horne-Zeilinger (GHZ) polarization-entangled state using linear optical elements. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2010</b> , 27, A1	1.7	42
175	Fast generation of three-atom singlet state by transitionless quantum driving. <i>Scientific Reports</i> , <b>2016</b> , 6, 22202	4.9	42
174	Nonadiabatic holonomic quantum computation using Rydberg blockade. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	41

173	Shortcuts to adiabatic passage for multiparticles in distant cavities: applications to fast and noise-resistant quantum population transfer, entangled states preparation and transition. <i>Laser Physics Letters</i> , <b>2014</b> , 11, 115201	1.5	40
172	Remote preparation of the N-particle GHZ state using quantum statistics. <i>Optics Communications</i> , <b>2007</b> , 277, 219-222	2	40
171	One-step generation of cluster state by adiabatic passage in coupled cavities. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 071102	3.4	39
170	MULTIPARTY REMOTE STATE PREPARATION WITH LINEAR OPTICAL ELEMENTS. <i>International Journal of Quantum Information</i> , <b>2008</b> , 06, 1127-1134	0.8	39
169	Entangled state generation via adiabatic passage in two distant cavities. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2007</b> , 40, 4503-4511	1.3	37
168	Efficient hyperentangled Greenberger-Horne-Zeilinger states analysis with cross-Kerr nonlinearity. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2012</b> , 29, 1029	1.7	36
167	Quantum state sharing using linear optical elements. <i>Optics Communications</i> , <b>2008</b> , 281, 4946-4950	2	35
166	Fast generation of W states of superconducting qubits with multiple Schrödinger dynamics. <i>Scientific Reports</i> , <b>2016</b> , 6, 36737	4.9	33
165	Quantum nodes for W-state generation in noisy channels. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	32
164	Efficient hyperentanglement concentration for N-particle Greenberger-Horne-Zeilinger state assisted by weak cross-Kerr nonlinearity. <i>Quantum Information Processing</i> , <b>2016</b> , 15, 2033-2052	1.6	31
163	Efficient entanglement concentration for arbitrary less-hyperentanglement multi-photon W states with linear optics. <i>Quantum Information Processing</i> , <b>2014</b> , 13, 1967-1978	1.6	30
162	Optimal shortcut approach based on an easily obtained intermediate Hamiltonian. <i>Physical Review A</i> , <b>2017</b> , 95,	2.6	30
161	Reverse engineering of a Hamiltonian by designing the evolution operators. <i>Scientific Reports</i> , <b>2016</b> , 6, 30151	4.9	30
160	Complete Bell-state analysis for superconducting-quantum-interference-device qubits with a transitionless tracking algorithm. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	27
159	Improving the stimulated Raman adiabatic passage via dissipative quantum dynamics. <i>Optics Express</i> , <b>2016</b> , 24, 22847-22864	3.3	26
158	Invariant-based inverse engineering for fluctuation transfer between membranes in an optomechanical cavity system. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	25
157	Robust and high-fidelity nondestructive Rydberg parity meter. <i>Physical Review A</i> , <b>2020</b> , 102,	2.6	25
156	Phase transition enhanced superior elasticity in freestanding single-crystalline multiferroic BiFeO <sub>3</sub> membranes. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	25

155	Accelerated and noise-resistant generation of high-fidelity steady-state entanglement with Rydberg atoms. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	24
154	Re-examining generalized teleportation protocol. <i>Optics Communications</i> , <b>2007</b> , 279, 395-398	2	24
153	Transitionless-based shortcuts for the fast and robust generation of W states. <i>Optics Communications</i> , <b>2016</b> , 380, 140-147	2	24
152	Fast quantum state engineering via universal SU(2) transformation. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	23
151	Probabilistic joint remote preparation of a two-particle high-dimensional equatorial state. <i>Optics Communications</i> , <b>2011</b> , 284, 5031-5035	2	23
150	Efficient implementation of the two-qubit controlled phase gate with cross-Kerr nonlinearity. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2011</b> , 44, 025503	1.3	23
149	Quantum dialogue using non-maximally entangled states based on entanglement swapping. <i>Physica Scripta</i> , <b>2007</b> , 76, 363-369	2.6	23
148	Flexible scheme for the implementation of nonadiabatic geometric quantum computation. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	22
147	Effective quantum teleportation of an atomic state between two cavities with the cross-Kerr nonlinearity by interference of polarized photons. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 103111	2.5	22
146	Fast generation of N-atom Greenberger-Horne-Zeilinger state in separate coupled cavities via transitionless quantum driving. <i>Quantum Information Processing</i> , <b>2016</b> , 15, 2359-2376	1.6	21
145	Direct conversion of a four-atom W state to a Greenberger-Horne-Zeilinger state via a dissipative process. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	21
144	Two-Path Interference for Enantiomer-Selective State Transfer of Chiral Molecules. <i>Physical Review Applied</i> , <b>2020</b> , 13,	4.3	20
143	An effective shortcut to adiabatic passage for fast quantum state transfer in a cavity quantum electronic dynamics system. <i>Laser Physics</i> , <b>2014</b> , 24, 105201	1.2	20
142	Deterministic joint remote preparation of an arbitrary three-qubit state via Einstein-Podolsky-Rosen pairs with a passive receiver. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2012</b> , 45, 335306	2	20
141	Arbitrary quantum state engineering in three-state systems via Counterdiabatic driving. <i>Scientific Reports</i> , <b>2016</b> , 6, 38484	4.9	20
140	Quantum state transfer in spin chains via shortcuts to adiabaticity. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	19
139	Pulse design for multilevel systems by utilizing Lie transforms. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	19
138	Deterministic Entanglement Swapping in a Superconducting Circuit. <i>Physical Review Letters</i> , <b>2019</b> , 123, 060502	7.4	19

137	One-step generation of multiatom Greenberger-Horne-Zeilinger states in separate cavities via adiabatic passage. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2013</b> , 30, 468	1.7	19
136	Efficient creation of continuous-variable entanglement for two atomic ensembles in coupled cavities. <i>Physical Review A</i> , <b>2011</b> , 83,	2.6	19
135	Controlled generation of four-photon polarization-entangled decoherence-free states with conventional photon detectors. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2009</b> , 26, 129	1.7	19
134	Fast generating Greenberger-Horne-Zeilinger state via iterative interaction pictures. <i>Laser Physics Letters</i> , <b>2016</b> , 13, 105202	1.5	18
133	Deterministic joint remote preparation of an arbitrary three-qubit state via EPR pairs. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2012</b> , 45, 055303	2	18
132	Dissipative preparation of multibody entanglement via quantum feedback control. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	17
131	Robust and highly efficient discrimination of chiral molecules through three-mode parallel paths. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	16
130	Speeding up adiabatic passage by adding Lyapunov control. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	16
129	Atomic quantum state transferring and swapping via quantum Zeno dynamics. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2011</b> , 28, 2909	1.7	16
128	Efficient entanglement concentration for partially entangled cluster states with weak cross-Kerr nonlinearity. <i>Quantum Information Processing</i> , <b>2015</b> , 14, 2909-2928	1.6	15
127	Deterministic interconversions between the Greenberger-Horne-Zeilinger states and the W states by invariant-based pulse design. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	15
126	Driving three atoms into a singlet state in an optical cavity via adiabatic passage of a dark state. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2013</b> , 46, 015502	1.3	15
125	Generation of three-atom singlet state in a bimodal cavity via quantum Zeno dynamics. <i>Quantum Information Processing</i> , <b>2013</b> , 12, 411-424	1.6	15
124	Joint Remote Preparation of a General Three-Qubit State via Non-maximally GHZ States. <i>International Journal of Theoretical Physics</i> , <b>2012</b> , 51, 1647-1654	1.1	15
123	Fast and Robust Quantum Information Transfer in Annular and Radial Superconducting Networks. <i>Annalen Der Physik</i> , <b>2017</b> , 529, 1700154	2.6	14
122	Coherent control in quantum open systems: An approach for accelerating dissipation-based quantum state generation. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	14
121	Generation of N-atom W-class states in spatially separated cavities. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2013</b> , 30, 2142	1.7	14
120	Multi-qubit phase gate on multiple resonators mediated by a superconducting bus. <i>Optics Express</i> , <b>2020</b> , 28, 1954-1969	3.3	14

119	Heralded atomic nonadiabatic holonomic quantum computation with Rydberg blockade. <i>Physical Review A</i> , <b>2020</b> , 102,	2.6	14
118	Resilient quantum gates on periodically driven Rydberg atoms. <i>Physical Review A</i> , <b>2021</b> , 103,	2.6	14
117	Deterministic generation of singlet states for (N)-atoms in coupled cavities via quantum Zeno dynamics. <i>Quantum Information Processing</i> , <b>2014</b> , 13, 1857-1877	1.6	13
116	Complete polarized photons Bell-states and Greenberger-Horne-Zeilinger-states analysis assisted by atoms. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2014</b> , 31, 2077	1.7	13
115	Flexible deterministic joint remote state preparation with a passive receiver. <i>Physica Scripta</i> , <b>2013</b> , 87, 025005	2.6	13
114	Effective discrimination of chiral molecules in a cavity. <i>Optics Letters</i> , <b>2020</b> , 45, 4952-4955	3	13
113	Enhancement of coherent dipole coupling between two atoms via squeezing a cavity mode. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	13
112	Implementing stabilizer codes in noisy environments. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	12
111	Reverse engineering of a nonlossy adiabatic Hamiltonian for non-Hermitian systems. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	12
110	Effective schemes for preparation of Greenberger-Horne-Zeilinger and W maximally entangled states with cross-Kerr nonlinearity and parity-check measurement. <i>Applied Physics B: Lasers and Optics</i> , <b>2013</b> , 110, 551-561	1.9	12
109	Effective protocol for preparation of four-photon polarization-entangled decoherence-free states with cross-Kerr nonlinearity. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2013</b> , 30, 421	1.7	12
108	Joint remote preparation of an arbitrary two-qubit state via a generalized seven-qubit brown state. <i>Laser Physics</i> , <b>2016</b> , 26, 015203	1.2	11
107	Complete hyperentanglement-assisted multi-photon Greenberger-Horne-Zeilinger states analysis with cross-Kerr nonlinearity. <i>Optics Communications</i> , <b>2014</b> , 317, 102-106	2	11
106	Fast and dephasing-tolerant preparation of steady Knill-Laflamme-Milburn states via dissipative Rydberg pumping. <i>Physical Review A</i> , <b>2021</b> , 103,	2.6	11
105	Fast coherent manipulation of quantum states in open systems. <i>Optics Express</i> , <b>2016</b> , 24, 21674-83	3.3	11
104	Accelerated and Noise-Resistant Protocol of Dissipation-Based Knill-Laflamme-Milburn State Generation with Lyapunov Control. <i>Annalen Der Physik</i> , <b>2019</b> , 531, 1900006	2.6	10
103	Speeding up adiabatic state conversion in optomechanical systems. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2019</b> , 52, 115501	1.3	10
102	Deterministic conversions between Greenberger-Horne-Zeilinger states and W states of spin qubits via Lie-transform-based inverse Hamiltonian engineering. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	10

101	Effective protocol for generation of multiple atoms entangled states in two coupled cavities via adiabatic passage. <i>Quantum Information Processing</i> , <b>2013</b> , 12, 3771-3783	1.6	10
100	Classical Communication Help and Probabilistic Teleportation with One-Dimensional Non-maximally Entangled Cluster States. <i>International Journal of Theoretical Physics</i> , <b>2008</b> , 47, 1552-1558	1.1	10
99	Reverse engineering of a Hamiltonian for a three-level system via the Rodrigues' rotation formula. <i>Laser Physics Letters</i> , <b>2017</b> , 14, 025201	1.5	9
98	Effective scheme for preparation of a spin-qubit Greenberger-Horne-Zeilinger state and W state in a quantum-dot-microcavity system. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2015</b> , 32, 1323	1.7	9
97	Accelerating Population Transfer in a Transmon Qutrit Via Shortcuts to Adiabaticity. <i>Annalen Der Physik</i> , <b>2018</b> , 530, 1700351	2.6	9
96	Protecting Quantum State in Time-Dependent Decoherence-Free Subspaces Without the Rotating-Wave Approximation. <i>Annalen Der Physik</i> , <b>2017</b> , 529, 1700186	2.6	9
95	Fast controlled preparation of two-atom maximally entangled state and N-atom W state in the direct coupled cavity systems via shortcuts to adiabatic passage. <i>European Physical Journal D</i> , <b>2016</b> , 70, 1	1.3	9
94	Shortcut Scheme for One-Step Implementation of a Three-Qubit Nonadiabatic Holonomic Gate. <i>Annalen Der Physik</i> , <b>2018</b> , 530, 1800179	2.6	9
93	Optimized nonadiabatic holonomic quantum computation based on Föster resonance in Rydberg atoms. <i>Frontiers of Physics</i> , <b>2022</b> , 17, 1	3.7	9
92	Improving Shortcuts to Non-Hermitian Adiabaticity for Fast Population Transfer in Open Quantum Systems. <i>Annalen Der Physik</i> , <b>2018</b> , 530, 1700247	2.6	8
91	Complete and Nondestructive Atomic Bell-State Analysis Assisted by Inverse Engineering. <i>Annalen Der Physik</i> , <b>2018</b> , 530, 1800133	2.6	8
90	Efficient nonlocal entangled state distribution over the collective-noise channel. <i>Quantum Information Processing</i> , <b>2013</b> , 12, 3553-3568	1.6	8
89	Effective protocol for preparation of N-photon Greenberger-Horne-Zeilinger states with conventional photon detectors. <i>Quantum Information Processing</i> , <b>2012</b> , 11, 605-613	1.6	8
88	Classical Communication Cost and Remote Preparation of the Two-Atom Maximally Entangled State. <i>International Journal of Theoretical Physics</i> , <b>2008</b> , 47, 3226-3233	1.1	8
87	Discrimination of enantiomers through quantum interference and quantum Zeno effect. <i>Optics Express</i> , <b>2020</b> , 28, 33475-33489	3.3	8
86	Rapid generation of a three-dimensional entangled state for two atoms trapped in a cavity via shortcuts to adiabatic passage. <i>Quantum Information Processing</i> , <b>2017</b> , 16, 1	1.6	7
85	Shortcuts to adiabatic for implementing controlled phase gate with Cooper-pair box qubits in circuit quantum electrodynamics system. <i>Quantum Information Processing</i> , <b>2019</b> , 18, 1	1.6	7
84	One-Step Implementation of N-Qubit Nonadiabatic Holonomic Quantum Gates with Superconducting Qubits via Inverse Hamiltonian Engineering. <i>Annalen Der Physik</i> , <b>2019</b> , 531, 1800427	2.6	7



83	Squeezing-Enhanced Atom-Cavity Interaction in Coupled Cavities with High Dissipation Rates. <i>Annalen Der Physik</i> , <b>2019</b> , 531, 1900220	2.6	7
82	Efficient error correction for N-particle polarized entangled states distribution over the collective-noise channel exploiting time entanglement. <i>Applied Physics B: Lasers and Optics</i> , <b>2014</b> , 116, 977-984	1.9	7
81	Efficient W polarization state distribution over an arbitrary collective-noise channel with cross-Kerr nonlinearity. <i>Optics Communications</i> , <b>2011</b> , 284, 5866-5870	2	7
80	Generalized remote preparation of the d-level N-particle GHZ state. <i>Journal of Modern Optics</i> , <b>2008</b> , 55, 1723-1729	1.1	7
79	Generalized Teleportation of a d-Level N-Particle GHZ State with One Pair of Entangled Particles as the Quantum Channel. <i>International Journal of Theoretical Physics</i> , <b>2008</b> , 47, 2835-2840	1.1	7
78	Two-photon phase gate with linear optical elements and atom-cavity system. <i>Quantum Information Processing</i> , <b>2016</b> , 15, 4521-4535	1.6	7
77	Pulse reverse engineering for controlling two-level quantum systems. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	6
76	Invariant-Based Pulse Design for Three-Level Systems Without the Rotating-Wave Approximation. <i>Annalen Der Physik</i> , <b>2017</b> , 529, 1700004	2.6	6
75	Effective Protocol for Generation of the Greenberger-Horne-Zeilinger State and Implementation of Controlled Phase Gate with Cross-Kerr Nonlinearity. <i>International Journal of Theoretical Physics</i> , <b>2014</b> , 53, 17-27	1.1	6
74	Deterministic Remote Preparation of Electrons States in Coupled Quantum Dots by Stimulated Raman Adiabatic Passage. <i>International Journal of Theoretical Physics</i> , <b>2010</b> , 49, 2045-2050	1.1	6
73	Resonant scheme for realizing quantum phase gates for two separate atoms via coupled cavities. <i>Optics Communications</i> , <b>2010</b> , 283, 3052-3057	2	6
72	High fidelity Dicke-state generation with Lyapunov control in circuit QED system. <i>Annals of Physics</i> , <b>2018</b> , 396, 44-55	2.5	6
71	Generation of three-qubit Greenberger-Horne-Zeilinger state of superconducting qubits via transitionless quantum driving. <i>Laser Physics</i> , <b>2017</b> , 27, 015202	1.2	5
70	Efficient spin Bell states and Greenberger-Horne-Zeilinger states analysis in the quantum dot-microcavity coupled system. <i>Applied Physics B: Lasers and Optics</i> , <b>2015</b> , 119, 259-271	1.9	5
69	Accelerated and Robust Generation of W State by Parametric Amplification and Inverse Hamiltonian Engineering. <i>Annalen Der Physik</i> , <b>2020</b> , 532, 2000002	2.6	5
68	Enhancing atom-field interaction in the reduced multiphoton Tavis-Cummings model. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	5
67	Driving many distant atoms into high-fidelity steady state entanglement via Lyapunov control. <i>Optics Express</i> , <b>2018</b> , 26, 951-962	3.3	5
66	Noise resistance of Toffoli gate in an array of coupled cavities. <i>Journal of Modern Optics</i> , <b>2014</b> , 61, 1290-1297	5	



65	Preparation of a class of multiatom entangled states. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2009</b> , 26, 1599	1.7	5
64	PERFECT CONTROLLED QUANTUM SECURE DIRECT COMMUNICATION. <i>International Journal of Quantum Information</i> , <b>2008</b> , 06, 463-470	0.8	5
63	Quantum State Transfer via Parity Measurement. <i>International Journal of Theoretical Physics</i> , <b>2008</b> , 47, 1294-1299	1.1	5
62	Two-level systems with periodic N-step driving fields: Exact dynamics and quantum state manipulations. <i>Physical Review A</i> , <b>2021</b> , 104,	2.6	5
61	Robust single-qubit gates by composite pulses in three-level systems. <i>Physical Review A</i> , <b>2021</b> , 103,	2.6	5
60	Optimal Control for Robust Photon State Transfer in Optomechanical Systems. <i>Annalen Der Physik</i> , <b>2021</b> , 533, 2000608	2.6	5
59	Shortcuts to adiabatic for implementing controlled-not gate with superconducting quantum interference device qubits. <i>Quantum Information Processing</i> , <b>2018</b> , 17, 1	1.6	5
58	Efficient preparation of Greenberger-Horne-Zeilinger state and W state of atoms with the help of the controlled phase flip gates in quantum nodes connected by collective-noise channels. <i>Journal of Modern Optics</i> , <b>2015</b> , 62, 449-462	1.1	4
57	Quantum state engineering by periodical two-step modulation in an atomic system. <i>Optics Express</i> , <b>2018</b> , 26, 34789-34804	3.3	4
56	Generation of nonclassical states in nonlinear oscillators via Lyapunov control. <i>Physical Review A</i> , <b>2020</b> , 102,	2.6	4
55	Complete and Nondestructive Atomic Greenberger-Horne-Zeilinger-State Analysis Assisted by Invariant-Based Inverse Engineering. <i>Annalen Der Physik</i> , <b>2019</b> , 531, 1800447	2.6	4
54	Generation of N-particle W State with Trapped $\Lambda$ -type Ions by Transitionless Quantum Driving. <i>Annalen Der Physik</i> , <b>2021</b> , 533, 2000526	2.6	4
53	Unselective ground-state blockade of Rydberg atoms for implementing quantum gates. <i>Frontiers of Physics</i> , <b>2022</b> , 17, 1	3.7	4
52	Accelerating adiabatic quantum transfer for three-level $\Lambda$ -type structure systems via picture transformation. <i>Annals of Physics</i> , <b>2017</b> , 379, 102-111	2.5	3
51	One-step deterministic generation of N-atom Greenberger-Horne-Zeilinger states in separate coupled cavities via quantum Zeno dynamics. <i>Journal of Modern Optics</i> , <b>2015</b> , 62, 1591-1599	1.1	3
50	Generation of three-dimensional entanglement between two antiblockade Rydberg atoms with detuning-compensation-induced effective resonance. <i>Laser Physics</i> , <b>2020</b> , 30, 045201	1.2	3
49	Implementation of universal quantum gates by periodic two-step modulation in a weakly nonlinear qubit. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	3
48	Effective scheme for preparation of multi-atom Greenberger-Horne-Zeilinger states in coupled cavities via adiabatic passage. <i>Journal of Modern Optics</i> , <b>2013</b> , 60, 1349-1354	1.1	3

47	Implementation of quantum state manipulation in a dissipative cavity. <i>Scientific Reports</i> , <b>2015</b> , 5, 10656	4.9	3
46	Experimentally optimized implementation of the Fredkin gate with atoms in cavity QED. <i>Quantum Information Processing</i> , <b>2015</b> , 14, 511-529	1.6	3
45	Positive Protocol for Quantum Teleportation Using Photon Polarization-Entangled W-Type State as the Quantum Channel. <i>International Journal of Theoretical Physics</i> , <b>2012</b> , 51, 3423-3431	1.1	3
44	Preparation of Greenberger-Horne-Zeilinger and W states of three atoms trapped in one cavity through cavity output process. <i>Optics Communications</i> , <b>2011</b> , 284, 1094-1098	2	3
43	Effective pulse reverse-engineering for strong field-matter interaction. <i>Optics Letters</i> , <b>2020</b> , 45, 3597-3600	3.9	3
42	Unconventional Geometric Phase Gate of Transmon Qubits With Inverse Hamiltonian Engineering. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2020</b> , 26, 1-7	3.8	3
41	Robust Generation of Logical Qubit Singlet States with Reverse Engineering and Optimal Control with Spin Qubits. <i>Advanced Quantum Technologies</i> , <b>2020</b> , 3, 2000113	4.3	3
40	One-step engineering many-atom NOON state. <i>New Journal of Physics</i> , <b>2018</b> , 20, 093019	2.9	3
39	Systematic-Error-Tolerant Multiqubit Holonomic Entangling Gates. <i>Physical Review Applied</i> , <b>2021</b> , 16,	4.3	3
38	Implementation of Controlled-NOT Gate by Lyapunov Control. <i>Annalen Der Physik</i> , <b>2019</b> , 531, 1900086	2.6	2
37	Deterministic generation of singlet state of N atoms in coupled cavities via adiabatic passage of a dark state. <i>Journal of Modern Optics</i> , <b>2016</b> , 63, 92-102	1.1	2
36	Effective scheme for generation of (N)-dimension atomic Greenberger-Horne-Zeilinger states. <i>Quantum Information Processing</i> , <b>2014</b> , 13, 1255-1265	1.6	2
35	Generation of three-qubit Greenberger-Horne-Zeilinger states of superconducting qubits by using dressed states. <i>Quantum Information Processing</i> , <b>2017</b> , 16, 1	1.6	2
34	Quantum control with Lyapunov function and bang-bang solution in the optomechanics system. <i>Frontiers of Physics</i> , <b>2022</b> , 17, 1	3.7	2
33	Accelerated high-fidelity Bell states generation based on dissipation dynamics and Lyapunov control. <i>Quantum Information Processing</i> , <b>2021</b> , 20, 1	1.6	2
32	Composite pulses for high fidelity population transfer in three-level systems. <i>New Journal of Physics</i> ,	2.9	2
31	Controlled implementation of two-photon controlled phase gate within a network. <i>Quantum Information and Computation</i> , <b>2010</b> , 10, 821-828	0.9	2
30	Large-scale Greenberger-Horne-Zeilinger states through a topologically protected zero-energy mode in a superconducting qutrit-resonator chain. <i>Physical Review A</i> , <b>2021</b> , 103,	2.6	2

29	Chiral Discrimination via Shortcuts to Adiabaticity and Optimal Control. <i>Annalen Der Physik</i> , 2100573	2.6	2
28	Accurate Parity Meter Based on Coherent State Measurement. <i>Annalen Der Physik</i> , <b>2022</b> , 534, 2100461	2.6	2
27	Noise-assisted quantum coherence protection in a hierarchical environment. <i>Physical Review A</i> , <b>2022</b> , 105,	2.6	2
26	High-fidelity generating multi-qubit W state via dressed states in the system of multiple resonators coupled with a superconducting qubit. <i>Canadian Journal of Physics</i> , <b>2018</b> , 96, 81-89	1.1	1
25	Emergence of multipartite optomechanical entanglement in microdisk cavities coupled to nanostring waveguide. <i>Quantum Information Processing</i> , <b>2013</b> , 12, 3179-3190	1.6	1
24	Perfect quantum state engineering by the combination of the counterdiabatic driving and the reverse-engineering technique. <i>Annals of Physics</i> , <b>2017</b> , 385, 40-56	2.5	1
23	Efficient and flexible protocol for implementing two-qubit controlled phase gates with cross-Kerr nonlinearity. <i>Journal of Modern Optics</i> , <b>2014</b> , 61, 175-181	1.1	1
22	Quantum computation and entangled state generation through a cavity output process. <i>Open Physics</i> , <b>2011</b> , 9,	1.3	1
21	LINEAR OPTICAL PROTOCOL FOR GENERATION OF W STATE WITHIN A NETWORK. <i>International Journal of Quantum Information</i> , <b>2010</b> , 08, 1199-1206	0.8	1
20	Generation of four-atom entangled decoherence-free states by interference of polarized photons. <i>Journal of Modern Optics</i> , <b>2009</b> , 56, 1545-1549	1.1	1
19	Linear Optical Protocol for Generation of Greenberger-Horne-Zeilinger State within a Network. <i>International Journal of Theoretical Physics</i> , <b>2010</b> , 49, 2456-2462	1.1	1
18	Controlled local implementation of nonlocal operations. <i>Journal of Modern Optics</i> , <b>2008</b> , 55, 3063-3070	1.1	1
17	Enhanced Phonon Blockade in a Weakly Coupled Hybrid System via Mechanical Parametric Amplification. <i>Physical Review Applied</i> , <b>2022</b> , 17,	4.3	1
16	Efficient implementation of complete and nondestructive Bell-state measurement for trapped ions with reverse engineering. <i>Laser Physics Letters</i> , <b>2020</b> , 17, 125204	1.5	1
15	Noise-resistant phase gates with amplitude modulation. <i>Physical Review A</i> , <b>2020</b> , 102,	2.6	1
14	Fast CNOT gate via shortcuts to adiabatic passage. <i>Journal of Modern Optics</i> , <b>2016</b> , 63, 1943-1951	1.1	1
13	Simplified process of dissipation-based Greenberger-Horne-Zeilinger state generation with Lyapunov control. <i>Optics Communications</i> , <b>2021</b> , 483, 126671	2	1
12	Detecting a single atom in a cavity using the $\chi^{(2)}$ nonlinear medium. <i>Frontiers of Physics</i> , <b>2022</b> , 17, 1	3.7	1

11	Unidirectional acoustic metamaterials based on nonadiabatic holonomic quantum transformations. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2022</b> , 65, 1	3.6	1
10	Shortcuts to Adiabatic Passage for Fast Generation of Entangled States in Directly Coupled Bimodal-Mode Cavities. <i>International Journal of Theoretical Physics</i> , <b>2021</b> , 60, 200-213	1.1	0
9	Efficient implementation of arbitrary quantum state engineering in four-state system by counterdiabatic driving. <i>Laser Physics Letters</i> , <b>2018</b> , 15, 075201	1.5	0
8	Efficient single-photon-assisted entanglement concentration for an arbitrary entangled photon pair with the diamond nitrogen-vacancy center inside cavity. <i>Optics Communications</i> , <b>2015</b> , 338, 174-180	2	
7	Error correction of quantum system dynamics via measurement feedback control. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2019</b> , 52, 165501	1.3	
6	Manipulation of Multi-Level Quantum Systems via Unsharp Measurements and Feedback Operations. <i>Annalen Der Physik</i> , <b>2019</b> , 531, 1900063	2.6	
5	Optical protocol for quantum state sharing of superposed coherent state. <i>Journal of Modern Optics</i> , <b>2008</b> , 55, 2071-2082	1.1	
4	Entanglement Creations and Quantum Gate Implementations of Spin Qubits With Lyapunov Control. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2020</b> , 26, 1-7	3.8	
3	Engineering distributed atomic NOON states via single-photon detection. <i>Quantum Information Processing</i> , <b>2021</b> , 20, 1	1.6	
2	Effective preparation of the N-dimension spin Greenberger-Horne-Zeilinger state with quantum dots embedded in microcavities. <i>Journal of Modern Optics</i> , <b>2016</b> , 1-10	1.1	
1	Generation of Three-Atom Singlet State with High-Fidelity by Lyapunov Control. <i>International Journal of Theoretical Physics</i> , <b>2021</b> , 60, 1416-1424	1.1	