Yan Xia

List of Publications by Year
in descending order

195 papers	4,353 citations	117625 34 h-index	155660 55 g-index
197 all docs	197 docs citations	197 times ranked	860 citing authors

#	Article	IF	Citations
1	Unselective ground-state blockade of Rydberg atoms for implementing quantum gates. Frontiers of Physics, 2022, 17, 1.	5.0	11
2	Optimized nonadiabatic holonomic quantum computation based on FÃ¶rster resonance in Rydberg atoms. Frontiers of Physics, 2022, 17, 1.	5.0	19
3	Quantum control with Lyapunov function and bang-bang solution in the optomechanics system. Frontiers of Physics, 2022, 17, 1.	5.0	6
4	Composite pulses for high fidelity population transfer in three-level systems. New Journal of Physics, 2022, 24, 023014.	2.9	12
5	Enhanced Phonon Blockade in a Weakly Coupled Hybrid System via Mechanical Parametric Amplification. Physical Review Applied, 2022, 17, .	3.8	21
6	Tripartite high-dimensional magnon-photon entanglement in phases with broken <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi></mml:math> -symmetry of a non-Hermitian hybrid system. Physical Review B, 2022, 105, .	3.2	8
7	Nonadiabatic geometric quantum computation with cat-state qubits via invariant-based reverse engineering. Physical Review Research, 2022, 4, .	3.6	43
8	Detecting a single atom in a cavity using the Ï‡(2) nonlinear medium. Frontiers of Physics, 2022, 17, 1.	5.0	3
9	Robust population inversion in three-level systems by composite pulses. Physical Review A, 2022, 105, .	2.5	10
10	Accurate Parity Meter Based on Coherent State Measurement. Annalen Der Physik, 2022, 534, .	2.4	5
11	Unidirectional acoustic metamaterials based on nonadiabatic holonomic quantum transformations. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	8
12	Noise-assisted quantum coherence protection in a hierarchical environment. Physical Review A, 2022, 105, .	2.5	9
13	Demonstration of dynamical control of three-level open systems with a superconducting qutrit. New Journal of Physics, 2022, 24, 063031.	2.9	17
14	Simplified process of dissipation-based Greenbergerâ€“Horneâ€“Zeilinger state generation with Lyapunov control. Optics Communications, 2021, 483, 126671.	2.1	1
15	Shortcuts to Adiabatic Passage for Fast Generation of Entangled States in Directly Coupled Bimodal-Mode Cavitieseee. International Journal of Theoretical Physics, 2021, 60, 200-213.	1.2	1
16	Generation of <i>N</i>â€particle <i>W</i> State with Trapped Î›â€Type Ions by Transitionless Quantum Driving. Annalen Der Physik, 2021, 533, 2000526.	2.4	7
17	Generation of Three-Atom Singlet State with High-Fidelity by Lyapunov Control. International Journal of Theoretical Physics, 2021, 60, 1416-1424.	1.2	0
18	Large-scale Greenberger-Horne-Zeilinger states through a topologically protected zero-energy mode in a superconducting qutrit-resonator chain. Physical Review A, 2021, 103, .	2.5	17

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19	Optimal Control for Robust Photon State Transfer in Optomechanical Systems. Annalen Der Physik, 2021, 533, 2000608.	2.4	7
20	Engineering distributed atomic NOON states via single-photon detection. Quantum Information Processing, 2021, 20, 1.	2.2	1
21	Fast and dephasing-tolerant preparation of steady Knill-Laflamme-Milburn states via dissipative Rydberg pumping. Physical Review A, 2021, 103, .	2.5	29
22	Robust single-qubit gates by composite pulses in three-level systems. Physical Review A, 2021, 103, .	2.5	20
23	Resilient quantum gates on periodically driven Rydberg atoms. Physical Review A, 2021, 103, .	2.5	31
24	Two-level systems with periodic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></mml:math> -step driving fields: Exact dynamics and quantum state manipulations. Physical Review A, 2021, 104, .	2.5	16
25	Accelerated high-fidelity Bell states generation based on dissipation dynamics and Lyapunov control. Quantum Information Processing, 2021, 20, 1.	2.2	6
26	Systematic-Error-Tolerant Multiqubit Holonomic Entangling Gates. Physical Review Applied, 2021, 16, .	3.8	20
27	Unconventional Geometric Phase Gate of Transmon Qubits With Inverse Hamiltonian Engineering. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-7.	2.9	3
28	Entanglement Creations and Quantum Gate Implementations of Spin Qubits With Lyapunov Control. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-7.	2.9	0
29	Robust and high-fidelity nondestructive Rydberg parity meter. Physical Review A, 2020, 102, .	2.5	39
30	Generation of nonclassical states in nonlinear oscillators via Lyapunov control. Physical Review A, 2020, 102, .	2.5	12
31	Robust Generation of Logical Qubit Singlet States with Reverse Engineering and Optimal Control with Spin Qubits. Advanced Quantum Technologies, 2020, 3, 2000113.	3.9	7
32	Noise-resistant phase gates with amplitude modulation. Physical Review A, 2020, 102, .	2.5	4
33	Phase transition enhanced superior elasticity in freestanding single-crystalline multiferroic BiFeO ₃ membranes. Science Advances, 2020, 6, .	10.3	73
34	Heralded atomic nonadiabatic holonomic quantum computation with Rydberg blockade. Physical Review A, 2020, 102, .	2.5	33
35	Accelerated and Robust Generation of <i>W</i> State by Parametric Amplification and Inverse Hamiltonian Engineering. Annalen Der Physik, 2020, 532, 2000002.	2.4	9
36	Enhancing atom-field interaction in the reduced multiphoton Tavis-Cummings model. Physical Review A, 2020, 101, .	2.5	8

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37	Flexible scheme for the implementation of nonadiabatic geometric quantum computation. Physical Review A, 2020, 101, .	2.5	42
38	Deterministic interconversions between the Greenberger-Horne-Zeilinger states and the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>W</mml:mi></mml:math> states by invariant-based pulse design. Physical Review A, 2020, 101, .	2.5	34
39	Generation of three-dimensional entanglement between two antiblockade Rydberg atoms with detuning-compensation-induced effective resonance. Laser Physics, 2020, 30, 045201.	1.2	4
40	Two-Path Interference for Enantiomer-Selective State Transfer of Chiral Molecules. Physical Review Applied, 2020, 13, .	3.8	37
41	Pulse reverse engineering for controlling two-level quantum systems. Physical Review A, 2020, 101, .	2.5	17
42	Implementation of universal quantum gates by periodic two-step modulation in a weakly nonlinear qubit. Physical Review A, 2020, 101, .	2.5	9
43	Efficient implementation of complete and nondestructive Bell-state measurement for trapped ions with reverse engineering. Laser Physics Letters, 2020, 17, 125204.	1.4	4
44	Multi-qubit phase gate on multiple resonators mediated by a superconducting bus. Optics Express, 2020, 28, 1954.	3.4	21
45	Discrimination of enantiomers through quantum interference and quantum Zeno effect. Optics Express, 2020, 28, 33475.	3.4	17
46	Effective pulse reverse-engineering for strong fieldâ€“matter interaction. Optics Letters, 2020, 45, 3597.	3.3	11
47	Effective discrimination of chiral molecules in a cavity. Optics Letters, 2020, 45, 4952.	3.3	27
48	Deterministic conversions between Greenberger-Horne-Zeilinger states and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>W</mml:mi></mml:math> states of spin qubits via Lie-transform-based inverse Hamiltonian engineering. Physical Review A, 2019, 100, .	2.5	22
49	Deterministic Entanglement Swapping in a Superconducting Circuit. Physical Review Letters, 2019, 123, 060502.	7.8	39
50	Squeezingâ€Enhanced Atomâ€“Cavity Interaction in Coupled Cavities with High Dissipation Rates. Annalen Der Physik, 2019, 531, 1900220.	2.4	11
51	Error correction of quantum system dynamics via measurementâ€“feedback control. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 165501.	1.5	0
52	Robust and highly efficient discrimination of chiral molecules through three-mode parallel paths. Physical Review A, 2019, 100, .	2.5	37
53	Manipulation of Multiâ€Level Quantum Systems via Unsharp Measurements and Feedback Operations. Annalen Der Physik, 2019, 531, 1900063.	2.4	0
54	Shortcuts to adiabatic for implementing controlled phase gate with Cooper-pair box qubits in circuit quantum electrodynamics system. Quantum Information Processing, 2019, 18, 1.	2.2	8

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55	Implementation of Controlledâ€NOT Gate by Lyapunov Control. Annalen Der Physik, 2019, 531, 1900086.	2.4	3
56	Accelerated and Noiseâ€Resistant Protocol of Dissipationâ€Based Knillâ€"Laflammeâ€"Milburn State Generation with Lyapunov Control. Annalen Der Physik, 2019, 531, 1900006.	2.4	15
57	Oneâ€Step Implementation of N â€Qubit Nonadiabatic Holonomic Quantum Gates with Superconducting Qubits via Inverse Hamiltonian Engineering. Annalen Der Physik, 2019, 531, 1800427.	2.4	9
58	Speeding up adiabatic state conversion in optomechanical systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 115501.	1.5	15
59	Enhancement of coherent dipole coupling between two atoms via squeezing a cavity mode. Physical Review A, 2019, 99, .	2.5	25
60	Complete and Nondestructive Atomic Greenbergerâ€"Horneâ€"Zeilingerâ€State Analysis Assisted by Invariantâ€Based Inverse Engineering. Annalen Der Physik, 2019, 531, 1800447.	2.4	9
61	Invariant-based inverse engineering for fluctuation transfer between membranes in an optomechanical cavity system. Physical Review A, 2018, 97, .	2.5	34
62	Nonadiabatic holonomic quantum computation using Rydberg blockade. Physical Review A, 2018, 97, .	2.5	63
63	Accelerating Population Transfer in a Transmon Qutrit Via Shortcuts to Adiabaticity. Annalen Der Physik, 2018, 530, 1700351.	2.4	11
64	Quantum state transfer in spin chains via shortcuts to adiabaticity. Physical Review A, 2018, 97, .	2.5	30
65	Accelerated and noise-resistant generation of high-fidelity steady-state entanglement with Rydberg atoms. Physical Review A, 2018, 97, .	2.5	33
66	Pulse design for multilevel systems by utilizing Lie transforms. Physical Review A, 2018, 97, .	2.5	27
67	High-fidelity generating multi-qubit W state via dressed states in the system of multiple resonators coupled with a superconducting qubit. Canadian Journal of Physics, 2018, 96, 81-89.	1.1	1
68	Improving Shortcuts to Nonâ€Hermitian Adiabaticity for Fast Population Transfer in Open Quantum Systems. Annalen Der Physik, 2018, 530, 1700247.	2.4	11
69	Shortcut Scheme for Oneâ€Step Implementation of a Threeâ€Qubit Nonadiabatic Holonomic Gate. Annalen Der Physik, 2018, 530, 1800179.	2.4	12
70	Shortcuts to adiabatic for implementing controlled-not gate with superconducting quantum interference device qubits. Quantum Information Processing, 2018, 17, 1.	2.2	9
71	One-step engineering many-atom NOON state. New Journal of Physics, 2018, 20, 093019.	2.9	5
72	Efficient implementation of arbitrary quantum state engineering in four-state system by counterdiabatic driving. Laser Physics Letters, 2018, 15, 075201.	1.4	1

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73	High fidelity Dicke-state generation with Lyapunov control in circuit QED system. Annals of Physics, 2018, 396, 44-55.	2.8	6
74	Complete and Nondestructive Atomic Bellâ€State Analysis Assisted by Inverse Engineering. Annalen Der Physik, 2018, 530, 1800133.	2.4	9
75	Driving many distant atoms into high-fidelity steady state entanglement via Lyapunov control. Optics Express, 2018, 26, 951.	3.4	6
76	Quantum state engineering by periodical two-step modulation in an atomic system. Optics Express, 2018, 26, 34789.	3.4	6
77	Accelerating adiabatic quantum transfer for three-level<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si48.gif" display="inline" overflow="scroll"><mml:mi>Î›</mml:mi></mml:math>-type structure systems via picture transformation. Annals of Physics, 2017, 379, 102-111.	2.8	3
78	Generation of three-qubit Greenbergerâ€"Horneâ€"Zeilinger state of superconducting qubits via transitionless quantum driving. Laser Physics, 2017, 27, 015202.	1.2	8
79	Reverse engineering of a Hamiltonian for a three-level system via the Rodriguesâ€™ rotation formula. Laser Physics Letters, 2017, 14, 025201.	1.4	14
80	Rapid generation of a three-dimensional entangled state for two atoms trapped in a cavity via shortcuts to adiabatic passage. Quantum Information Processing, 2017, 16, 1.	2.2	8
81	Implementing stabilizer codes in noisy environments. Physical Review A, 2017, 96, .	2.5	12
82	Speeding up adiabatic passage by adding Lyapunov control. Physical Review A, 2017, 96, .	2.5	22
83	Protecting Quantum State in Timeâ€Dependent Decoherenceâ€Free Subspaces Without the Rotatingâ€Wave Approximation. Annalen Der Physik, 2017, 529, 1700186.	2.4	10
84	Invariantâ€Based Pulse Design for Threeâ€Level Systems Without the Rotatingâ€Wave Approximation. Annalen Der Physik, 2017, 529, 1700004.	2.4	9
85	Fast and Robust Quantum Information Transfer in Annular and Radial Superconducting Networks. Annalen Der Physik, 2017, 529, 1700154.	2.4	14
86	Perfect quantum state engineering by the combination of the counterdiabatic driving and the reverse-engineering technique. Annals of Physics, 2017, 385, 40-56.	2.8	2
87	Fast quantum state engineering via universal SU(2) transformation. Physical Review A, 2017, 96, .	2.5	34
88	Complete Bell-state analysis for superconducting-quantum-interference-device qubits with a transitionless tracking algorithm. Physical Review A, 2017, 96, .	2.5	34
89	Generation of three-qubit Greenbergerâ€"Horneâ€"Zeilinger states of superconducting qubits by using dressed states. Quantum Information Processing, 2017, 16, 1.	2.2	7
90	Optimal shortcut approach based on an easily obtained intermediate Hamiltonian. Physical Review A, 2017, 95, .	2.5	36

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91	Coherent control in quantum open systems: An approach for accelerating dissipation-based quantum state generation. Physical Review A, 2017, 96, .	2.5	16
92	Fast coherent manipulation of quantum states in open systems. Optics Express, 2016, 24, 21674.	3.4	13
93	Improving the stimulated Raman adiabatic passage via dissipative quantum dynamics. Optics Express, 2016, 24, 22847.	3.4	30
94	Reverse engineering of a Hamiltonian by designing the evolution operators. Scientific Reports, 2016, 6, 30151.	3.3	42
95	Fast generation of three-atom singlet state by transitionless quantum driving. Scientific Reports, 2016, 6, 22202.	3.3	44
96	Fast CNOT gate via shortcuts to adiabatic passage. Journal of Modern Optics, 2016, 63, 1943-1951.	1.3	2
97	Two-photon phase gate with linear optical elements and atomâ€“cavity system. Quantum Information Processing, 2016, 15, 4521-4535.	2.2	10
98	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. European Physical Journal D, 2016, 70, 1.	1.3	10
99	Transitionless-based shortcuts for the fast and robust generation of W states. Optics Communications, 2016, 380, 140-147.	2.1	27
100	Reverse engineering of a nonlossy adiabatic Hamiltonian for non-Hermitian systems. Physical Review A, 2016, 94, .	2.5	15
101	Method for constructing shortcuts to adiabaticity by a substitute of counterdiabatic driving terms. Physical Review A, 2016, 93, .	2.5	93
102	Fast preparation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>W</mml:mi></mml:math> states with superconducting quantum interference devices by using dressed states. Physical Review A, 2016, 94, .	2.5	77
103	Fast generation of W states of superconducting qubits with multiple SchrÃ¶dinger dynamics. Scientific Reports, 2016, 6, 36737.	3.3	43
104	Fast generating Greenbergerâ€“Horneâ€“Zeilinger state via iterative interaction pictures. Laser Physics Letters, 2016, 13, 105202.	1.4	23
105	Joint remote preparation of an arbitrary two-qubit state via a generalized seven-qubit brown state. Laser Physics, 2016, 26, 015203.	1.2	15
106	Fast generation of N-atom Greenbergerâ€“Horneâ€“Zeilinger state in separate coupled cavities via transitionless quantum driving. Quantum Information Processing, 2016, 15, 2359-2376.	2.2	22
107	Efficient hyperentanglement concentration for N-particle Greenbergerâ€“Horneâ€“Zeilinger state assisted by weak cross-Kerr nonlinearity. Quantum Information Processing, 2016, 15, 2033-2052.	2.2	31
108	Deterministic generation of singlet state ofNatoms in coupled cavities via adiabatic passage of a dark state. Journal of Modern Optics, 2016, 63, 92-102.	1.3	2

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109	Arbitrary quantum state engineering in three-state systems via Counterdiabatic driving. Scientific Reports, 2016, 6, 38484.	3.3	25
110	Shortcuts to adiabatic passage for fast generation of Greenberger-Horne-Zeilinger states by transitionless quantum driving. Scientific Reports, 2015, 5, 15616.	3.3	57
111	Implementation of quantum state manipulation in a dissipative cavity. Scientific Reports, 2015, 5, 10656.	3.3	4
112	Efficient preparation of Greenbergerâ€“Horneâ€“Zeilinger state and W state of atoms with the help of the controlled phase flip gates in quantum nodes connected by collective-noise channels. Journal of Modern Optics, 2015, 62, 449-462.	1.3	4
113	Fast and noise-resistant implementation of quantum phase gates and creation of quantum entangled states. Physical Review A, 2015, 91, .	2.5	124
114	Experimentally optimized implementation of the Fredkin gate with atoms in cavity QED. Quantum Information Processing, 2015, 14, 511-529.	2.2	5
115	One-step deterministic generation of<i>N</i>-atom Greenbergerâ€“Horneâ€“Zeilinger states in separate coupled cavities via quantum Zeno dynamics. Journal of Modern Optics, 2015, 62, 1591-1599.	1.3	4
116	Efficient entanglement concentration for partially entangled cluster states with weak cross-Kerr nonlinearity. Quantum Information Processing, 2015, 14, 2909-2928.	2.2	16
117	Efficient spin Bell states and Greenbergerâ€“Horneâ€“Zeilinger states analysis in the quantum dotâ€“microcavity coupled system. Applied Physics B: Lasers and Optics, 2015, 119, 259-271.	2.2	5
118	Effective scheme for preparation of a spin-qubit Greenbergerâ€“Horneâ€“Zeilinger state and W state in a quantum-dot-microcavity system. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 1323.	2.1	12
119	Efficient single-photon-assisted entanglement concentration for an arbitrary entangled photon pair with the diamond nitrogen-vacancy center insides cavity. Optics Communications, 2015, 338, 174-180.	2.1	0
120	Shortcuts to adiabatic passage for multiparticles in distant cavities: applications to fast and noise-resistant quantum population transfer, entangled statesâ€™ preparation and transition. Laser Physics Letters, 2014, 11, 115201.	1.4	43
121	Efficient and flexible protocol for implementing two-qubit controlled phase gates with cross-Kerr nonlinearity. Journal of Modern Optics, 2014, 61, 175-181.	1.3	4
122	Complete polarized photons Bell-states and Greenbergerâ€“Horneâ€“Zeilinger-states analysis assisted by atoms. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2077.	2.1	16
123	Effective Protocol for Generation of the Greenberger-Horne-Zeilinger State and Implementation of Controlled Phase Gate with Cross-Kerr Nonlinearity. International Journal of Theoretical Physics, 2014, 53, 17-27.	1.2	6
124	Effective scheme for generation of $$N$$ N -dimension atomic Greenbergerâ€“Horneâ€“Zeilinger states. Quantum Information Processing, 2014, 13, 1255-1265.	2.2	2
125	Efficient error correction for N-particle polarized entangled states distribution over the collective-noise channel exploiting time entanglement. Applied Physics B: Lasers and Optics, 2014, 116, 977-984.	2.2	7
126	Efficient shortcuts to adiabatic passage for fast population transfer in multiparticle systems. Physical Review A, 2014, 89, .	2.5	132

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127	An effective shortcut to adiabatic passage for fast quantum state transfer in a cavity quantum electronic dynamics system. Laser Physics, 2014, 24, 105201.	1.2	24
128	Noise resistance of Toffoli gate in an array of coupled cavities. Journal of Modern Optics, 2014, 61, 1290-1297.	1.3	6
129	Shortcuts to adiabatic passage for population transfer and maximum entanglement creation between two atoms in a cavity. Physical Review A, 2014, 89, .	2.5	116
130	Deterministic generation of singlet states for $$N$$ N -atoms in coupled cavities via quantum Zeno dynamics. Quantum Information Processing, 2014, 13, 1857-1877.	2.2	14
131	Efficient entanglement concentration for arbitrary less-hyperentanglement multi-photon W states with linear optics. Quantum Information Processing, 2014, 13, 1967-1978.	2.2	31
132	Complete hyperentanglement-assisted multi-photon Greenbergerâ€"Horneâ€"Zeilinger states analysis with cross-Kerr nonlinearity. Optics Communications, 2014, 317, 102-106.	2.1	12
133	Efficient nonlocal entangled state distribution over the collective-noise channel. Quantum Information Processing, 2013, 12, 3553-3568.	2.2	8
134	Emergence of multipartite optomechanical entanglement in microdisk cavities coupled to nanostring waveguide. Quantum Information Processing, 2013, 12, 3179-3190.	2.2	1
135	Driving three atoms into a singlet state in an optical cavity via adiabatic passage of a dark state. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 015502.	1.5	15
136	Effective scheme for preparation of multi-atom Greenbergerâ€"Horneâ€"Zeilinger states in coupled cavities via adiabatic passage. Journal of Modern Optics, 2013, 60, 1349-1354.	1.3	3
137	Effective protocol for generation of multiple atoms entangled states in two coupled cavities via adiabatic passage. Quantum Information Processing, 2013, 12, 3771-3783.	2.2	11
138	Direct conversion of a four-atomWstate to a Greenberger-Horne-Zeilinger state via a dissipative process. Physical Review A, 2013, 88, .	2.5	26
139	Generation of three-atom singlet state in a bimodal cavity via quantum Zeno dynamics. Quantum Information Processing, 2013, 12, 411-424.	2.2	16
140	Effective schemes for preparation of Greenbergerâ€"Horneâ€"Zeilinger and W maximally entangled states with cross-Kerr nonlinearity and parity-check measurement. Applied Physics B: Lasers and Optics, 2013, 110, 551-561.	2.2	12
141	One-step generation of multiatom Greenbergerâ€"Horneâ€"Zeilinger states in separate cavities via adiabatic passage. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 468.	2.1	20
142	Effective protocol for preparation of three-atom Greenberger-Horne-Zeilinger state and W state with the help of cross-Kerr nonlinearity. Open Physics, 2013, 11, .	1.7	0
143	Effective protocol for preparation of four-photon polarization-entangled decoherence-free states with cross-Kerr nonlinearity. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 421.	2.1	12
144	Generation of N-atom W-class states in spatially separated cavities. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2142.	2.1	16

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145	Flexible deterministic joint remote state preparation with a passive receiver. Physica Scripta, 2013, 87, 025005.	2.5	13
146	Deterministic joint remote preparation of an arbitrary three-qubit state via Einsteinâ€"Podolskyâ€"Rosen pairs with a passive receiver. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 335306.	2.1	24
147	Deterministic joint remote preparation of an arbitrary three-qubit state via EPR pairs. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 055303.	2.1	26
148	Efficient hyperentangled Greenbergerâ€"Horneâ€"Zeilinger states analysis with cross-Kerr nonlinearity. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 1029.	2.1	44
149	Dissipative preparation of multibody entanglement via quantum feedback control. Physical Review A, 2012, 86, .	2.5	19
150	Positive Protocol for Quantum Teleportation Using Photon Polarization-Entangled W-Type State as the Quantum Channel. International Journal of Theoretical Physics, 2012, 51, 3423-3431.	1.2	5
151	Joint Remote Preparation of a General Three-Qubit State via Non-maximally GHZ States. International Journal of Theoretical Physics, 2012, 51, 1647-1654.	1.2	17
152	Effective protocol for preparation of N-photon Greenbergerâ€"Horneâ€"Zeilinger states with conventional photon detectors. Quantum Information Processing, 2012, 11, 605-613.	2.2	9
153	Atomic quantum state transferring and swapping via quantum Zeno dynamics. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 2909.	2.1	16
154	Probabilistic joint remote preparation of a two-particle high-dimensional equatorial state. Optics Communications, 2011, 284, 5031-5035.	2.1	30
155	Efficient W polarization state distribution over an arbitrary collective-noise channel with cross-Kerr nonlinearity. Optics Communications, 2011, 284, 5866-5870.	2.1	9
156	Quantum computation and entangled state generation through a cavity output process. Open Physics, 2011, 9, .	1.7	1
157	Efficient implementation of the two-qubit controlled phase gate with cross-Kerr nonlinearity. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 025503.	1.5	24
158	Preparation of Greenbergerâ€"Horneâ€"Zeilinger and W states of three atoms trapped in one cavity through cavity output process. Optics Communications, 2011, 284, 1094-1098.	2.1	3
159	Joint remote preparation of an arbitrary three-qubit state via EPR-type pairs. Optics Communications, 2011, 284, 2617-2621.	2.1	72
160	Effective quantum teleportation of an atomic state between two cavities with the cross-Kerr nonlinearity by interference of polarized photons. Journal of Applied Physics, 2011, 109, 103111.	2.5	24
161	Efficient creation of continuous-variable entanglement for two atomic ensembles in coupled cavities. Physical Review A, 2011, 83, .	2.5	19
162	Deterministic Remote Preparation of Electrons States inÂCoupled Quantum Dots by Stimulated Raman Adiabatic Passage. International Journal of Theoretical Physics, 2010, 49, 2045-2050.	1.2	6

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163	Linear Optical Protocol for Generation ofÂGreenberger-Horne-Zeilinger State within a Network. International Journal of Theoretical Physics, 2010, 49, 2456-2462.	1.2	1
164	Joint remote state preparation of a W-type state via W-type states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4483-4487.	2.1	79
165	Resonant scheme for realizing quantum phase gates for two separate atoms via coupled cavities. Optics Communications, 2010, 283, 3052-3057.	2.1	8
166	One-step generation of cluster state by adiabatic passage in coupled cavities. Applied Physics Letters, 2010, 96, .	3.3	40
167	LINEAR OPTICAL PROTOCOL FOR GENERATION OF W STATE WITHIN A NETWORK. International Journal of Quantum Information, 2010, 08, 1199-1206.	1.1	1
168	Teleportation of an N-photon Greenberger-Horne-Zeilinger (GHZ) polarization-entangled state using linear optical elements. Journal of the Optical Society of America B: Optical Physics, 2010, 27, A1.	2.1	63
169	Generation of two-mode squeezed states for two separated atomic ensembles via coupled cavities. Physical Review A, 2010, 81, .	2.5	51
170	ontrolled implementation of two-photon controlled phase gate within a network. Quantum Information and Computation, 2010, 10, 821-828.	0.3	2
171	Generation of four-atom entangled decoherence-free states by interference of polarized photons. Journal of Modern Optics, 2009, 56, 1545-1549.	1.3	1
172	Controlled generation of four-photon polarization-entangled decoherence-free states with conventional photon detectors. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 129.	2.1	19
173	Preparation of a class of multiatom entangled states. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 1599.	2.1	6
174	Quantum State Transfer via Parity Measurement. International Journal of Theoretical Physics, 2008, 47, 1294-1299.	1.2	5
175	Classical Communication Help and Probabilistic Teleportation with One-Dimensional Non-maximally Entangled Cluster States. International Journal of Theoretical Physics, 2008, 47, 1552-1558.	1.2	10
176	Generalized Teleportation of a d-Level N-Particle GHZ State with One Pair of Entangled Particles asÂtheÂQuantum Channel. International Journal of Theoretical Physics, 2008, 47, 2835-2840.	1.2	7
177	Classical Communication Cost and Remote Preparation of the Two-Atom Maximally Entangled State. International Journal of Theoretical Physics, 2008, 47, 3226-3233.	1.2	8
178	Quantum state sharing using linear optical elements. Optics Communications, 2008, 281, 4946-4950.	2.1	40
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