Yan Xia

List of Publications by Year in Descending Order

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	Enhanced Phonon Blockade in a Weakly Coupled Hybrid System via Mechanical Parametric Amplification. *Physical Review Applied*, **2022**, 17,	4.3	1
189	Quantum control with Lyapunov function and bang-bang solution in the optomechanics system. *Frontiers of Physics*, **2022**, 17, 1	3.7	2
188	Unselective ground-state blockade of Rydberg atoms for implementing quantum gates. *Frontiers of Physics*, **2022**, 17, 1	3.7	4
187	Optimized nonadiabatic holonomic quantum computation based on Förster resonance in Rydberg atoms. *Frontiers of Physics*, **2022**, 17, 1	3.7	9
186	Detecting a single atom in a cavity using the (2) nonlinear medium. *Frontiers of Physics*, **2022**, 17, 1	3.7	1
185	Accurate Parity Meter Based on Coherent State Measurement. *Annalen Der Physik*, **2022**, 534, 2100461	2.6	2
184	Unidirectional acoustic metamaterials based on nonadiabatic holonomic quantum transformations. *Science China: Physics, Mechanics and Astronomy*, **2022**, 65, 1	3.6	1
183	Noise-assisted quantum coherence protection in a hierarchical environment. *Physical Review A*, **2022**, 105,	2.6	2
182	Accelerated high-fidelity Bell states generation based on dissipation dynamics and Lyapunov control. *Quantum Information Processing*, **2021**, 20, 1	1.6	2
181	Two-level systems with periodic N-step driving fields: Exact dynamics and quantum state manipulations. *Physical Review A*, **2021**, 104,	2.6	5
180	Engineering distributed atomic NOON states via single-photon detection. *Quantum Information Processing*, **2021**, 20, 1	1.6	
179	Fast and dephasing-tolerant preparation of steady Knill-Laflamme-Milburn states via dissipative Rydberg pumping. *Physical Review A*, **2021**, 103,	2.6	11
178	Robust single-qubit gates by composite pulses in three-level systems. *Physical Review A*, **2021**, 103,	2.6	5
177	Simplified process of dissipation-based Greenberger-Horne-Zeilinger state generation with Lyapunov control. *Optics Communications*, **2021**, 483, 126671	2	1
176	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	1.1	0
175	Generation of N-particle W State with Trapped Λ-Type Ions by Transitionless Quantum Driving. *Annalen Der Physik*, **2021**, 533, 2000526	2.6	4
174	Generation of Three-Atom Singlet State with High-Fidelity by Lyapunov Control. *International Journal of Theoretical Physics*, **2021**, 60, 1416-1424	1.1	

173	Large-scale Greenberger-Horne-Zeilinger states through a topologically protected zero-energy mode in a superconducting qutrit-resonator chain. *Physical Review A*, **2021**, 103,	2.6	2
172	Optimal Control for Robust Photon State Transfer in Optomechanical Systems. *Annalen Der Physik*, **2021**, 533, 2000608	2.6	5
171	Resilient quantum gates on periodically driven Rydberg atoms. *Physical Review A*, **2021**, 103,	2.6	14
170	Systematic-Error-Tolerant Multiqubit Holonomic Entangling Gates. *Physical Review Applied*, **2021**, 16,	4.3	3
169	Accelerated and Robust Generation of W State by Parametric Amplification and Inverse Hamiltonian Engineering. *Annalen Der Physik*, **2020**, 532, 2000002	2.6	5
168	Enhancing atom-field interaction in the reduced multiphoton Tavis-Cummings model. *Physical Review A*, **2020**, 101,	2.6	5
167	Flexible scheme for the implementation of nonadiabatic geometric quantum computation. *Physical Review A*, **2020**, 101,	2.6	22
166	Deterministic interconversions between the Greenberger-Horne-Zeilinger states and the W states by invariant-based pulse design. *Physical Review A*, **2020**, 101,	2.6	15
165	Generation of three-dimensional entanglement between two antiblockade Rydberg atoms with detuning-compensation-induced effective resonance. *Laser Physics*, **2020**, 30, 045201	1.2	3
164	Two-Path Interference for Enantiomer-Selective State Transfer of Chiral Molecules. *Physical Review Applied*, **2020**, 13,	4.3	20
163	Pulse reverse engineering for controlling two-level quantum systems. *Physical Review A*, **2020**, 101,	2.6	6
162	Implementation of universal quantum gates by periodic two-step modulation in a weakly nonlinear qubit. *Physical Review A*, **2020**, 101,	2.6	3
161	Multi-qubit phase gate on multiple resonators mediated by a superconducting bus. *Optics Express*, **2020**, 28, 1954-1969	3.3	14
160	Discrimination of enantiomers through quantum interference and quantum Zeno effect. *Optics Express*, **2020**, 28, 33475-33489	3.3	8
159	Effective pulse reverse-engineering for strong field-matter interaction. *Optics Letters*, **2020**, 45, 3597-3600	3	3
158	Effective discrimination of chiral molecules in a cavity. *Optics Letters*, **2020**, 45, 4952-4955	3	13
157	Efficient implementation of complete and nondestructive Bell-state measurement for trapped ions with reverse engineering. *Laser Physics Letters*, **2020**, 17, 125204	1.5	1
156	Unconventional Geometric Phase Gate of Transmon Qubits With Inverse Hamiltonian Engineering. *IEEE Journal of Selected Topics in Quantum Electronics*, **2020**, 26, 1-7	3.8	3

155	Entanglement Creations and Quantum Gate Implementations of Spin Qubits With Lyapunov Control. *IEEE Journal of Selected Topics in Quantum Electronics*, **2020**, 26, 1-7	3.8	
154	Robust and high-fidelity nondestructive Rydberg parity meter. *Physical Review A*, **2020**, 102,	2.6	25
153	Generation of nonclassical states in nonlinear oscillators via Lyapunov control. *Physical Review A*, **2020**, 102,	2.6	4
152	Robust Generation of Logical Qubit Singlet States with Reverse Engineering and Optimal Control with Spin Qubits. *Advanced Quantum Technologies*, **2020**, 3, 2000113	4.3	3
151	Noise-resistant phase gates with amplitude modulation. *Physical Review A*, **2020**, 102,	2.6	1
150	Phase transition enhanced superior elasticity in freestanding single-crystalline multiferroic BiFeO membranes. *Science Advances*, **2020**, 6,	14.3	25
149	Heralded atomic nonadiabatic holonomic quantum computation with Rydberg blockade. *Physical Review A*, **2020**, 102,	2.6	14
148	Shortcuts to adiabatic for implementing controlled phase gate with Cooper-pair box qubits in circuit quantum electrodynamics system. *Quantum Information Processing*, **2019**, 18, 1	1.6	7
147	Implementation of Controlled-NOT Gate by Lyapunov Control. *Annalen Der Physik*, **2019**, 531, 1900086	2.6	2
146	Accelerated and Noise-Resistant Protocol of Dissipation-Based Knill[Laflamme[Milburn State Generation with Lyapunov Control. *Annalen Der Physik*, **2019**, 531, 1900006	2.6	10
145	One-Step Implementation of N-Qubit Nonadiabatic Holonomic Quantum Gates with Superconducting Qubits via Inverse Hamiltonian Engineering. *Annalen Der Physik*, **2019**, 531, 1800427	2.6	7
144	Speeding up adiabatic state conversion in optomechanical systems. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2019**, 52, 115501	1.3	10
143	Deterministic conversions between Greenberger-Horne-Zeilinger states and W states of spin qubits via Lie-transform-based inverse Hamiltonian engineering. *Physical Review A*, **2019**, 100,	2.6	10
142	Deterministic Entanglement Swapping in a Superconducting Circuit. *Physical Review Letters*, **2019**, 123, 060502	7.4	19
141	Squeezing-Enhanced Atom[Cavity Interaction in Coupled Cavities with High Dissipation Rates. *Annalen Der Physik*, **2019**, 531, 1900220	2.6	7
140	Error correction of quantum system dynamics via measurement[feedback control. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2019**, 52, 165501	1.3	
139	Robust and highly efficient discrimination of chiral molecules through three-mode parallel paths. *Physical Review A*, **2019**, 100,	2.6	16
138	Manipulation of Multi-Level Quantum Systems via Unsharp Measurements and Feedback Operations. *Annalen Der Physik*, **2019**, 531, 1900063	2.6	

137	Enhancement of coherent dipole coupling between two atoms via squeezing a cavity mode. *Physical Review A*, **2019**, 99,	2.6	13
136	Complete and Nondestructive Atomic Greenberger–Horne–Zeilinger-State Analysis Assisted by Invariant-Based Inverse Engineering. *Annalen Der Physik*, **2019**, 531, 1800447	2.6	4
135	Invariant-based inverse engineering for fluctuation transfer between membranes in an optomechanical cavity system. *Physical Review A*, **2018**, 97,	2.6	25
134	Nonadiabatic holonomic quantum computation using Rydberg blockade. *Physical Review A*, **2018**, 97,	2.6	41
133	Accelerating Population Transfer in a Transmon Qutrit Via Shortcuts to Adiabaticity. *Annalen Der Physik*, **2018**, 530, 1700351	2.6	9
132	Quantum state transfer in spin chains via shortcuts to adiabaticity. *Physical Review A*, **2018**, 97,	2.6	19
131	Accelerated and noise-resistant generation of high-fidelity steady-state entanglement with Rydberg atoms. *Physical Review A*, **2018**, 97,	2.6	24
130	Pulse design for multilevel systems by utilizing Lie transforms. *Physical Review A*, **2018**, 97,	2.6	19
129	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
128	Improving Shortcuts to Non-Hermitian Adiabaticity for Fast Population Transfer in Open Quantum Systems. *Annalen Der Physik*, **2018**, 530, 1700247	2.6	8
127	Complete and Nondestructive Atomic Bell-State Analysis Assisted by Inverse Engineering. *Annalen Der Physik*, **2018**, 530, 1800133	2.6	8
126	Driving many distant atoms into high-fidelity steady state entanglement via Lyapunov control. *Optics Express*, **2018**, 26, 951-962	3.3	5
125	Quantum state engineering by periodical two-step modulation in an atomic system. *Optics Express*, **2018**, 26, 34789-34804	3.3	4
124	Shortcut Scheme for One-Step Implementation of a Three-Qubit Nonadiabatic Holonomic Gate. *Annalen Der Physik*, **2018**, 530, 1800179	2.6	9
123	Shortcuts to adiabatic for implementing controlled-not gate with superconducting quantum interference device qubits. *Quantum Information Processing*, **2018**, 17, 1	1.6	5
122	One-step engineering many-atom NOON state. *New Journal of Physics*, **2018**, 20, 093019	2.9	3
121	Efficient implementation of arbitrary quantum state engineering in four-state system by counterdiabatic driving. *Laser Physics Letters*, **2018**, 15, 075201	1.5	0
120	High fidelity Dicke-state generation with Lyapunov control in circuit QED system. *Annals of Physics*, **2018**, 396, 44-55	2.5	6

119	Accelerating adiabatic quantum transfer for three-level Ξ-type structure systems via picture transformation. *Annals of Physics*, **2017**, 379, 102-111	2.5	3
118	Generation of three-qubit Greenberger-Horne-Zeilinger state of superconducting qubits via transitionless quantum driving. *Laser Physics*, **2017**, 27, 015202	1.2	5
117	Reverse engineering of a Hamiltonian for a three-level system via the Rodrigues-rotation formula. *Laser Physics Letters*, **2017**, 14, 025201	1.5	9
116	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	1.6	7
115	Implementing stabilizer codes in noisy environments. *Physical Review A*, **2017**, 96,	2.6	12
114	Speeding up adiabatic passage by adding Lyapunov control. *Physical Review A*, **2017**, 96,	2.6	16
113	Protecting Quantum State in Time-Dependent Decoherence-Free Subspaces Without the Rotating-Wave Approximation. *Annalen Der Physik*, **2017**, 529, 1700186	2.6	9
112	Invariant-Based Pulse Design for Three-Level Systems Without the Rotating-Wave Approximation. *Annalen Der Physik*, **2017**, 529, 1700004	2.6	6
111	Fast and Robust Quantum Information Transfer in Annular and Radial Superconducting Networks. *Annalen Der Physik*, **2017**, 529, 1700154	2.6	14
110	Perfect quantum state engineering by the combination of the counterdiabatic driving and the reverse-engineering technique. *Annals of Physics*, **2017**, 385, 40-56	2.5	1
109	Fast quantum state engineering via universal SU(2) transformation. *Physical Review A*, **2017**, 96,	2.6	23
108	Complete Bell-state analysis for superconducting-quantum-interference-device qubits with a transitionless tracking algorithm. *Physical Review A*, **2017**, 96,	2.6	27
107	Generation of three-qubit Greenberger-Horne-Zeilinger states of superconducting qubits by using dressed states. *Quantum Information Processing*, **2017**, 16, 1	1.6	2
106	Optimal shortcut approach based on an easily obtained intermediate Hamiltonian. *Physical Review A*, **2017**, 95,	2.6	30
105	Coherent control in quantum open systems: An approach for accelerating dissipation-based quantum state generation. *Physical Review A*, **2017**, 96,	2.6	14
104	Reverse engineering of a nonlossy adiabatic Hamiltonian for non-Hermitian systems. *Physical Review A*, **2016**, 94,	2.6	12
103	Method for constructing shortcuts to adiabaticity by a substitute of counterdiabatic driving terms. *Physical Review A*, **2016**, 93,	2.6	85
102	Fast preparation of W states with superconducting quantum interference devices by using dressed states. *Physical Review A*, **2016**, 94,	2.6	58

101	Fast generation of W states of superconducting qubits with multiple Schrödinger dynamics. *Scientific Reports*, **2016**, 6, 36737	4.9	33
100	Fast generating Greenberger–Horne–Zeilinger state via iterative interaction pictures. *Laser Physics Letters*, **2016**, 13, 105202	1.5	18
99	Joint remote preparation of an arbitrary two-qubit state via a generalized seven-qubit brown state. *Laser Physics*, **2016**, 26, 015203	1.2	11
98	Fast generation of N-atom Greenberger–Horne–Zeilinger state in separate coupled cavities via transitionless quantum driving. *Quantum Information Processing*, **2016**, 15, 2359-2376	1.6	21
97	Efficient hyperentanglement concentration for N-particle Greenberger–Horne–Zeilinger state assisted by weak cross-Kerr nonlinearity. *Quantum Information Processing*, **2016**, 15, 2033-2052	1.6	31
96	Deterministic generation of singlet state of N atoms in coupled cavities via adiabatic passage of a dark state. *Journal of Modern Optics*, **2016**, 63, 92-102	1.1	2
95	Arbitrary quantum state engineering in three-state systems via Counterdiabatic driving. *Scientific Reports*, **2016**, 6, 38484	4.9	20
94	Fast coherent manipulation of quantum states in open systems. *Optics Express*, **2016**, 24, 21674-83	3.3	11
93	Improving the stimulated Raman adiabatic passage via dissipative quantum dynamics. *Optics Express*, **2016**, 24, 22847-22864	3.3	26
92	Reverse engineering of a Hamiltonian by designing the evolution operators. *Scientific Reports*, **2016**, 6, 30151	4.9	30
91	Fast generation of three-atom singlet state by transitionless quantum driving. *Scientific Reports*, **2016**, 6, 22202	4.9	42
90	Effective preparation of the N-dimension spin Greenberger–Horne–Zeilinger state with quantum dots embedded in microcavities. *Journal of Modern Optics*, **2016**, 1-10	1.1	
89	Fast CNOT gate via shortcuts to adiabatic passage. *Journal of Modern Optics*, **2016**, 63, 1943-1951	1.1	1
88	Two-photon phase gate with linear optical elements and atom–cavity system. *Quantum Information Processing*, **2016**, 15, 4521-4535	1.6	7
87	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	9
86	Transitionless-based shortcuts for the fast and robust generation of W states. *Optics Communications*, **2016**, 380, 140-147	2	24
85	One-step deterministic generation of N-atom Greenberger–Horne–Zeilinger states in separate coupled cavities via quantum Zeno dynamics. *Journal of Modern Optics*, **2015**, 62, 1591-1599	1.1	3
84	Efficient entanglement concentration for partially entangled cluster states with weak cross-Kerr nonlinearity. *Quantum Information Processing*, **2015**, 14, 2909-2928	1.6	15

83	Efficient spin Bell states and Greenberger–Horne–Zeilinger states analysis in the quantum dot–microcavity coupled system. *Applied Physics B: Lasers and Optics*, **2015**, 119, 259-271	1.9	5
82	Effective scheme for preparation of a spin-qubit Greenberger–Horne–Zeilinger state and W state in a quantum-dot-microcavity system. *Journal of the Optical Society of America B: Optical Physics*, **2015**, 32, 1323	1.7	9
81	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	7
80	Shortcuts to adiabatic passage for fast generation of Greenberger-Horne-Zeilinger states by transitionless quantum driving. *Scientific Reports*, **2015**, 5, 15616	4.9	57
79	Implementation of quantum state manipulation in a dissipative cavity. *Scientific Reports*, **2015**, 5, 10656	4.9	3
78	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. *Journal of Modern Optics*, **2015**, 62, 449-462	1.1	4
77	Fast and noise-resistant implementation of quantum phase gates and creation of quantum entangled states. *Physical Review A*, **2015**, 91,	2.6	108
76	Experimentally optimized implementation of the Fredkin gate with atoms in cavity QED. *Quantum Information Processing*, **2015**, 14, 511-529	1.6	3
75	Effective scheme for generation of (N)-dimension atomic Greenberger–Horne–Zeilinger states. *Quantum Information Processing*, **2014**, 13, 1255-1265	1.6	2
74	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	1.9	7
73	Efficient shortcuts to adiabatic passage for fast population transfer in multiparticle systems. *Physical Review A*, **2014**, 89,	2.6	124
72	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	20
71	Noise resistance of Toffoli gate in an array of coupled cavities. *Journal of Modern Optics*, **2014**, 61, 1290-1297	1.9	5
70	Shortcuts to adiabatic passage for population transfer and maximum entanglement creation between two atoms in a cavity. *Physical Review A*, **2014**, 89,	2.6	104
69	Deterministic generation of singlet states for (N)-atoms in coupled cavities via quantum Zeno dynamics. *Quantum Information Processing*, **2014**, 13, 1857-1877	1.6	13
68	Efficient entanglement concentration for arbitrary less-hyperentanglement multi-photon W states with linear optics. *Quantum Information Processing*, **2014**, 13, 1967-1978	1.6	30
67	Complete hyperentanglement-assisted multi-photon Greenberger–Horne–Zeilinger states analysis with cross-Kerr nonlinearity. *Optics Communications*, **2014**, 317, 102-106	2	11
66	Shortcuts to adiabatic passage for multiparticles in distant cavities: applications to fast and noise-resistant quantum population transfer, entangled states preparation and transition. *Laser Physics Letters*, **2014**, 11, 115201	1.5	40

65	Efficient and flexible protocol for implementing two-qubit controlled phase gates with cross-Kerr nonlinearity. *Journal of Modern Optics*, **2014**, 61, 175-181	1.1	1
64	Complete polarized photons Bell-states and Greenberger-Horne-Zeilinger-states analysis assisted by atoms. *Journal of the Optical Society of America B: Optical Physics*, **2014**, 31, 2077	1.7	13
63	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	1.1	6
62	Efficient nonlocal entangled state distribution over the collective-noise channel. *Quantum Information Processing*, **2013**, 12, 3553-3568	1.6	8
61	Emergence of multipartite optomechanical entanglement in microdisk cavities coupled to nanostring waveguide. *Quantum Information Processing*, **2013**, 12, 3179-3190	1.6	1
60	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	1.3	15
59	Effective scheme for preparation of multi-atom Greenberger-Horne-Zeilinger states in coupled cavities via adiabatic passage. *Journal of Modern Optics*, **2013**, 60, 1349-1354	1.1	3
58	Effective protocol for generation of multiple atoms entangled states in two coupled cavities via adiabatic passage. *Quantum Information Processing*, **2013**, 12, 3771-3783	1.6	10
57	Direct conversion of a four-atom W state to a Greenberger-Horne-Zeilinger state via a dissipative process. *Physical Review A*, **2013**, 88,	2.6	21
56	Generation of three-atom singlet state in a bimodal cavity via quantum Zeno dynamics. *Quantum Information Processing*, **2013**, 12, 411-424	1.6	15
55	Effective schemes for preparation of Greenberger-Horne-Zeilinger and W maximally entangled states with cross-Kerr nonlinearity and parity-check measurement. *Applied Physics B: Lasers and Optics*, **2013**, 110, 551-561	1.9	12
54	One-step generation of multiatom Greenberger-Horne-Zeilinger states in separate cavities via adiabatic passage. *Journal of the Optical Society of America B: Optical Physics*, **2013**, 30, 468	1.7	19
53	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	1.7	12
52	Generation of N-atom W-class states in spatially separated cavities. *Journal of the Optical Society of America B: Optical Physics*, **2013**, 30, 2142	1.7	14
51	Flexible deterministic joint remote state preparation with a passive receiver. *Physica Scripta*, **2013**, 87, 025005	2.6	13
50	Dissipative preparation of multibody entanglement via quantum feedback control. *Physical Review A*, **2012**, 86,	2.6	17
49	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	1.1	3
48	Joint Remote Preparation of a General Three-Qubit State via Non-maximally GHZ States. *International Journal of Theoretical Physics*, **2012**, 51, 1647-1654	1.1	15

47	Effective protocol for preparation of N-photon Greenberger–Horne–Zeilinger states with conventional photon detectors. *Quantum Information Processing*, **2012**, 11, 605-613	1.6	8
46	Deterministic joint remote preparation of an arbitrary three-qubit state via Einstein–Podolsky–Rosen pairs with a passive receiver. *Journal of Physics A: Mathematical and Theoretical*, **2012**, 45, 335306	2	20
45	Deterministic joint remote preparation of an arbitrary three-qubit state via EPR pairs. *Journal of Physics A: Mathematical and Theoretical*, **2012**, 45, 055303	2	18
44	Efficient hyperentangled Greenberger–Horne–Zeilinger states analysis with cross-Kerr nonlinearity. *Journal of the Optical Society of America B: Optical Physics*, **2012**, 29, 1029	1.7	36
43	Atomic quantum state transferring and swapping via quantum Zeno dynamics. *Journal of the Optical Society of America B: Optical Physics*, **2011**, 28, 2909	1.7	16
42	Probabilistic joint remote preparation of a two-particle high-dimensional equatorial state. *Optics Communications*, **2011**, 284, 5031-5035	2	23
41	Efficient W polarization state distribution over an arbitrary collective-noise channel with cross-Kerr nonlinearity. *Optics Communications*, **2011**, 284, 5866-5870	2	7
40	Quantum computation and entangled state generation through a cavity output process. *Open Physics*, **2011**, 9,	1.3	1
39	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	1.3	23
38	Preparation of Greenberger–Horne–Zeilinger and W states of three atoms trapped in one cavity through cavity output process. *Optics Communications*, **2011**, 284, 1094-1098	2	3
37	Joint remote preparation of an arbitrary three-qubit state via EPR-type pairs. *Optics Communications*, **2011**, 284, 2617-2621	2	62
36	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	22
35	Efficient creation of continuous-variable entanglement for two atomic ensembles in coupled cavities. *Physical Review A*, **2011**, 83,	2.6	19
34	One-step generation of cluster state by adiabatic passage in coupled cavities. *Applied Physics Letters*, **2010**, 96, 071102	3.4	39
33	LINEAR OPTICAL PROTOCOL FOR GENERATION OF W STATE WITHIN A NETWORK. *International Journal of Quantum Information*, **2010**, 08, 1199-1206	0.8	1
32	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	1.7	42
31	Generation of two-mode squeezed states for two separated atomic ensembles via coupled cavities. *Physical Review A*, **2010**, 81,	2.6	50
30	Deterministic Remote Preparation of Electrons States in Coupled Quantum Dots by Stimulated Raman Adiabatic Passage. *International Journal of Theoretical Physics*, **2010**, 49, 2045-2050	1.1	6

29	Linear Optical Protocol for Generation of Greenberger-Horne-Zeilinger State within a Network. *International Journal of Theoretical Physics*, **2010**, 49, 2456-2462	1.1	1
28	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	2.3	68
27	Resonant scheme for realizing quantum phase gates for two separate atoms via coupled cavities. *Optics Communications*, **2010**, 283, 3052-3057	2	6
26	ontrolled implementation of two-photon controlled phase gate within a network. *Quantum Information and Computation*, **2010**, 10, 821-828	0.9	2
25	Generation of four-atom entangled decoherence-free states by interference of polarized photons. *Journal of Modern Optics*, **2009**, 56, 1545-1549	1.1	1
24	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	1.7	19
23	Preparation of a class of multiatom entangled states. *Journal of the Optical Society of America B: Optical Physics*, **2009**, 26, 1599	1.7	5
22	Linear optical protocol for preparation of N-photon Greenberger-Horne-Zeilinger state with conventional photon detectors. *Applied Physics Letters*, **2008**, 92, 021127	3.4	64
21	Generalized remote preparation of the d -level N -particle GHZ state. *Journal of Modern Optics*, **2008**, 55, 1723-1729	1.1	7
20	Optical protocol for quantum state sharing of superposed coherent state. *Journal of Modern Optics*, **2008**, 55, 2071-2082	1.1	
19	PERFECT CONTROLLED QUANTUM SECURE DIRECT COMMUNICATION. *International Journal of Quantum Information*, **2008**, 06, 463-470	0.8	5
18	MULTIPARTY REMOTE STATE PREPARATION WITH LINEAR OPTICAL ELEMENTS. *International Journal of Quantum Information*, **2008**, 06, 1127-1134	0.8	39
17	Quantum nodes for W-state generation in noisy channels. *Physical Review A*, **2008**, 78,	2.6	32
16	Controlled local implementation of nonlocal operations. *Journal of Modern Optics*, **2008**, 55, 3063-3070	1.1	1
15	Quantum State Transfer via Parity Measurement. *International Journal of Theoretical Physics*, **2008**, 47, 1294-1299	1.1	5
14	Classical Communication Help and Probabilistic Teleportation with One-Dimensional Non-maximally Entangled Cluster States. *International Journal of Theoretical Physics*, **2008**, 47, 1552-1558	1.1	10
13	Generalized Teleportation of a d-Level N-Particle GHZ State with One Pair of Entangled Particles as the Quantum Channel. *International Journal of Theoretical Physics*, **2008**, 47, 2835-2840	1.1	7
12	Classical Communication Cost and Remote Preparation of the Two-Atom Maximally Entangled State. *International Journal of Theoretical Physics*, **2008**, 47, 3226-3233	1.1	8

11	Quantum state sharing using linear optical elements. *Optics Communications*, **2008**, 281, 4946-4950	2	35
10	Quantum computation and entangled-state generation through adiabatic evolution in two distant cavities. *Europhysics Letters*, **2007**, 80, 60001	1.6	55
9	Remote preparation of the N-particle GHZ state using quantum statistics. *Optics Communications*, **2007**, 277, 219-222	2	40
8	Re-examining generalized teleportation protocol. *Optics Communications*, **2007**, 279, 395-398	2	24
7	Controlled quantum secure direct communication using a non-symmetric quantum channel with quantum superdense coding. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 364, 117-122	2.3	104
6	Multiparty remote state preparation. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2007**, 40, 3719-3724	1.3	171
5	Quantum dialogue using non-maximally entangled states based on entanglement swapping. *Physica Scripta*, **2007**, 76, 363-369	2.6	23
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