

Jie Song

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.

150
papers

2,209
citations

24
h-index

39
g-index

158
ext. papers

2,716
ext. citations

2.4
avg, IF

5.49
L-index

#	Paper	IF	Citations
150	Efficient shortcuts to adiabatic passage for fast population transfer in multiparticle systems. <i>Physical Review A</i> , 2014 , 89,	2.6	124
149	Fast and noise-resistant implementation of quantum phase gates and creation of quantum entangled states. <i>Physical Review A</i> , 2015 , 91,	2.6	108
148	Shortcuts to adiabatic passage for population transfer and maximum entanglement creation between two atoms in a cavity. <i>Physical Review A</i> , 2014 , 89,	2.6	104
147	Dielectric Huygens' Metasurface for High-Efficiency Hologram Operating in Transmission Mode. <i>Scientific Reports</i> , 2016 , 6, 30613	4.9	87
146	Method for constructing shortcuts to adiabaticity by a substitute of counterdiabatic driving terms. <i>Physical Review A</i> , 2016 , 93,	2.6	85
145	Linear optical protocol for preparation of N-photon Greenberger-Horne-Zeilinger state with conventional photon detectors. <i>Applied Physics Letters</i> , 2008 , 92, 021127	3.4	64
144	Fast preparation of W states with superconducting quantum interference devices by using dressed states. <i>Physical Review A</i> , 2016 , 94,	2.6	58
143	Shortcuts to adiabatic passage for fast generation of Greenberger-Horne-Zeilinger states by transitionless quantum driving. <i>Scientific Reports</i> , 2015 , 5, 15616	4.9	57
142	Quantum computation and entangled-state generation through adiabatic evolution in two distant cavities. <i>Europhysics Letters</i> , 2007 , 80, 60001	1.6	55
141	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> , 2010 , 27, A1	1.7	42
140	Fast generation of three-atom singlet state by transitionless quantum driving. <i>Scientific Reports</i> , 2016 , 6, 22202	4.9	42
139	Nonadiabatic holonomic quantum computation using Rydberg blockade. <i>Physical Review A</i> , 2018 , 97,	2.6	41
138	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> , 2014 , 11, 115201	1.5	40
137	One-step generation of cluster state by adiabatic passage in coupled cavities. <i>Applied Physics Letters</i> , 2010 , 96, 071102	3.4	39
136	Efficient hyperentangled Greenberger-Horne-Zeilinger states analysis with cross-Kerr nonlinearity. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012 , 29, 1029	1.7	36
135	Fast generation of W states of superconducting qubits with multiple Schrödinger dynamics. <i>Scientific Reports</i> , 2016 , 6, 36737	4.9	33
134	Efficient hyperentanglement concentration for N-particle Greenberger-Horne-Zeilinger state assisted by weak cross-Kerr nonlinearity. <i>Quantum Information Processing</i> , 2016 , 15, 2033-2052	1.6	31

133	Efficient entanglement concentration for arbitrary less-hyperentanglement multi-photon W states with linear optics. <i>Quantum Information Processing</i> , 2014 , 13, 1967-1978	1.6	30
132	Optimal shortcut approach based on an easily obtained intermediate Hamiltonian. <i>Physical Review A</i> , 2017 , 95,	2.6	30
131	Reverse engineering of a Hamiltonian by designing the evolution operators. <i>Scientific Reports</i> , 2016 , 6, 30151	4.9	30
130	Complete Bell-state analysis for superconducting-quantum-interference-device qubits with a transitionless tracking algorithm. <i>Physical Review A</i> , 2017 , 96,	2.6	27
129	Improving the stimulated Raman adiabatic passage via dissipative quantum dynamics. <i>Optics Express</i> , 2016 , 24, 22847-22864	3.3	26
128	Invariant-based inverse engineering for fluctuation transfer between membranes in an optomechanical cavity system. <i>Physical Review A</i> , 2018 , 97,	2.6	25
127	Robust and high-fidelity nondestructive Rydberg parity meter. <i>Physical Review A</i> , 2020 , 102,	2.6	25
126	Accelerated and noise-resistant generation of high-fidelity steady-state entanglement with Rydberg atoms. <i>Physical Review A</i> , 2018 , 97,	2.6	24
125	Transitionless-based shortcuts for the fast and robust generation of W states. <i>Optics Communications</i> , 2016 , 380, 140-147	2	24
124	Fast quantum state engineering via universal SU(2) transformation. <i>Physical Review A</i> , 2017 , 96,	2.6	23
123	Efficient implementation of the two-qubit controlled phase gate with cross-Kerr nonlinearity. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011 , 44, 025503	1.3	23
122	Flexible scheme for the implementation of nonadiabatic geometric quantum computation. <i>Physical Review A</i> , 2020 , 101,	2.6	22
121	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> , 2011 , 109, 103111	2.5	22
120	Fast generation of N-atom Greenberger-Horne-Zeilinger state in separate coupled cavities via transitionless quantum driving. <i>Quantum Information Processing</i> , 2016 , 15, 2359-2376	1.6	21
119	Direct conversion of a four-atom W state to a Greenberger-Horne-Zeilinger state via a dissipative process. <i>Physical Review A</i> , 2013 , 88,	2.6	21
118	Two-Path Interference for Enantiomer-Selective State Transfer of Chiral Molecules. <i>Physical Review Applied</i> , 2020 , 13,	4.3	20
117	An effective shortcut to adiabatic passage for fast quantum state transfer in a cavity quantum electronic dynamics system. <i>Laser Physics</i> , 2014 , 24, 105201	1.2	20
116	Arbitrary quantum state engineering in three-state systems via Counterdiabatic driving. <i>Scientific Reports</i> , 2016 , 6, 38484	4.9	20

115	Quantum state transfer in spin chains via shortcuts to adiabaticity. <i>Physical Review A</i> , 2018 , 97,	2.6	19
114	Pulse design for multilevel systems by utilizing Lie transforms. <i>Physical Review A</i> , 2018 , 97,	2.6	19
113	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> , 2013 , 30, 468	1.7	19
112	Efficient creation of continuous-variable entanglement for two atomic ensembles in coupled cavities. <i>Physical Review A</i> , 2011 , 83,	2.6	19
111	Fast generating Greenberger-Horne-Zeilinger state via iterative interaction pictures. <i>Laser Physics Letters</i> , 2016 , 13, 105202	1.5	18
110	Dissipative preparation of many-body entanglement via quantum feedback control. <i>Physical Review A</i> , 2012 , 86,	2.6	17
109	Robust and highly efficient discrimination of chiral molecules through three-mode parallel paths. <i>Physical Review A</i> , 2019 , 100,	2.6	16
108	Speeding up adiabatic passage by adding Lyapunov control. <i>Physical Review A</i> , 2017 , 96,	2.6	16
107	Efficient entanglement concentration for partially entangled cluster states with weak cross-Kerr nonlinearity. <i>Quantum Information Processing</i> , 2015 , 14, 2909-2928	1.6	15
106	Generation of three-atom singlet state in a bimodal cavity via quantum Zeno dynamics. <i>Quantum Information Processing</i> , 2013 , 12, 411-424	1.6	15
105	Effective Rabi dynamics of Rydberg atoms and robust high-fidelity quantum gates with a resonant amplitude-modulation field. <i>Optics Letters</i> , 2020 , 45, 1200-1203	3	15
104	Fast and Robust Quantum Information Transfer in Annular and Radial Superconducting Networks. <i>Annalen Der Physik</i> , 2017 , 529, 1700154	2.6	14
103	Coherent control in quantum open systems: An approach for accelerating dissipation-based quantum state generation. <i>Physical Review A</i> , 2017 , 96,	2.6	14
102	Multi-qubit phase gate on multiple resonators mediated by a superconducting bus. <i>Optics Express</i> , 2020 , 28, 1954-1969	3.3	14
101	Heralded atomic nonadiabatic holonomic quantum computation with Rydberg blockade. <i>Physical Review A</i> , 2020 , 102,	2.6	14
100	Resilient quantum gates on periodically driven Rydberg atoms. <i>Physical Review A</i> , 2021 , 103,	2.6	14
99	Deterministic generation of singlet states for (N)-atoms in coupled cavities via quantum Zeno dynamics. <i>Quantum Information Processing</i> , 2014 , 13, 1857-1877	1.6	13
98	Effective discrimination of chiral molecules in a cavity. <i>Optics Letters</i> , 2020 , 45, 4952-4955	3	13

97	Enhancement of coherent dipole coupling between two atoms via squeezing a cavity mode. <i>Physical Review A</i> , 2019 , 99,	2.6	13
96	Resonant-interaction-induced Rydberg antiblockade and its applications. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020 , 384, 126039	2.3	13
95	Implementing stabilizer codes in noisy environments. <i>Physical Review A</i> , 2017 , 96,	2.6	12
94	Reverse engineering of a nonlossy adiabatic Hamiltonian for non-Hermitian systems. <i>Physical Review A</i> , 2016 , 94,	2.6	12
93	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> , 2013 , 110, 551-561	1.9	12
92	Complete hyperentanglement-assisted multi-photon Greenberger-Horne-Zeilinger states analysis with cross-Kerr nonlinearity. <i>Optics Communications</i> , 2014 , 317, 102-106	2	11
91	Fast and dephasing-tolerant preparation of steady Knill-Laflamme-Milburn states via dissipative Rydberg pumping. <i>Physical Review A</i> , 2021 , 103,	2.6	11
90	Fast coherent manipulation of quantum states in open systems. <i>Optics Express</i> , 2016 , 24, 21674-83	3.3	11
89	Accelerated and Noise-Resistant Protocol of Dissipation-Based Knill-Laflamme-Milburn State Generation with Lyapunov Control. <i>Annalen Der Physik</i> , 2019 , 531, 1900006	2.6	10
88	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> , 2019 , 100,	2.6	10
87	Effective protocol for generation of multiple atoms entangled states in two coupled cavities via adiabatic passage. <i>Quantum Information Processing</i> , 2013 , 12, 3771-3783	1.6	10
86	Accelerating Population Transfer in a Transmon Qutrit Via Shortcuts to Adiabaticity. <i>Annalen Der Physik</i> , 2018 , 530, 1700351	2.6	9
85	Protecting Quantum State in Time-Dependent Decoherence-Free Subspaces Without the Rotating-Wave Approximation. <i>Annalen Der Physik</i> , 2017 , 529, 1700186	2.6	9
84	Generation of long-living entanglement between two distant three-level atoms in non-Markovian environments. <i>Optics Express</i> , 2017 , 25, 10961-10971	3.3	9
83	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> , 2016 , 70, 1	1.3	9
82	Quantum Fisher information in quantum critical systems with topological characterization. <i>Physical Review B</i> , 2019 , 100,	3.3	9
81	Shortcut Scheme for One-Step Implementation of a Three-Qubit Nonadiabatic Holonomic Gate. <i>Annalen Der Physik</i> , 2018 , 530, 1800179	2.6	9
80	Optimized nonadiabatic holonomic quantum computation based on Fester resonance in Rydberg atoms. <i>Frontiers of Physics</i> , 2022 , 17, 1	3.7	9

79	Improving Shortcuts to Non-Hermitian Adiabaticity for Fast Population Transfer in Open Quantum Systems. <i>Annalen Der Physik</i> , 2018 , 530, 1700247	2.6	8
78	Efficient nonlocal entangled state distribution over the collective-noise channel. <i>Quantum Information Processing</i> , 2013 , 12, 3553-3568	1.6	8
77	The dynamics of entanglement and quantum discord of two atoms in coupled cavities. <i>Journal of Modern Optics</i> , 2012 , 59, 387-392	1.1	8
76	Discrimination of enantiomers through quantum interference and quantum Zeno effect. <i>Optics Express</i> , 2020 , 28, 33475-33489	3.3	8
75	Quantum criticality of quantum speed limit for a two-qubit system in the spin chain with the Dzyaloshinsky-Moriya interaction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019 , 383, 136-140	2.3	8
74	Quantum coherence dynamics of three-qubit states in XY spin-chain environment. <i>Quantum Information Processing</i> , 2018 , 17, 1	1.6	8
73	The generation of acoustic Airy beam with selective band based on binary metasurfaces: Customized on demand. <i>Applied Physics Letters</i> , 2021 , 119, 071907	3.4	8
72	Shortcuts to adiabatic for implementing controlled phase gate with Cooper-pair box qubits in circuit quantum electrodynamics system. <i>Quantum Information Processing</i> , 2019 , 18, 1	1.6	7
71	One-Step Implementation of N-Qubit Nonadiabatic Holonomic Quantum Gates with Superconducting Qubits via Inverse Hamiltonian Engineering. <i>Annalen Der Physik</i> , 2019 , 531, 1800427	2.6	7
70	Squeezing-Enhanced Atom-Cavity Interaction in Coupled Cavities with High Dissipation Rates. <i>Annalen Der Physik</i> , 2019 , 531, 1900220	2.6	7
69	Generalized remote preparation of the d-level N-particle GHZ state. <i>Journal of Modern Optics</i> , 2008 , 55, 1723-1729	1.1	7
68	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> , 2008 , 47, 2835-2840	1.1	7
67	Pulse reverse engineering for controlling two-level quantum systems. <i>Physical Review A</i> , 2020 , 101,	2.6	6
66	Invariant-Based Pulse Design for Three-Level Systems Without the Rotating-Wave Approximation. <i>Annalen Der Physik</i> , 2017 , 529, 1700004	2.6	6
65	Asymmetric acoustic beam shaping based on monolayer binary metasurfaces. <i>Applied Physics Express</i> , 2021 , 14, 085504	2.4	6
64	Generation of three-qubit Greenberger-Horne-Zeilinger state of superconducting qubits via transitionless quantum driving. <i>Laser Physics</i> , 2017 , 27, 015202	1.2	5
63	Direct measurement on the geometric phase of a double quantum dot qubit via quantum point contact device. <i>Scientific Reports</i> , 2015 , 5, 11726	4.9	5
62	Accelerated and Robust Generation of W State by Parametric Amplification and Inverse Hamiltonian Engineering. <i>Annalen Der Physik</i> , 2020 , 532, 2000002	2.6	5

61	Enhancing atom-field interaction in the reduced multiphoton Tavis-Cummings model. <i>Physical Review A</i> , 2020 , 101,	2.6	5
60	Noise resistance of Toffoli gate in an array of coupled cavities. <i>Journal of Modern Optics</i> , 2014 , 61, 1290-1297		5
59	Noise-induced quantum state transfer in distant cavities. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017 , 50, 175502	1.3	5
58	Quantum State Transfer via Parity Measurement. <i>International Journal of Theoretical Physics</i> , 2008 , 47, 1294-1299	1.1	5
57	Robust single-qubit gates by composite pulses in three-level systems. <i>Physical Review A</i> , 2021 , 103,	2.6	5
56	Optimal Control for Robust Photon State Transfer in Optomechanical Systems. <i>Annalen Der Physik</i> , 2021 , 533, 2000608	2.6	5
55	Shortcuts to adiabatic for implementing controlled-not gate with superconducting quantum interference device qubits. <i>Quantum Information Processing</i> , 2018 , 17, 1	1.6	5
54	Measurement-induced multipartite entanglement for distant four-level atoms in Markovian and non-Markovian environments. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018 , 382, 2044-2048	2.3	4
53	Generation of nonclassical states in nonlinear oscillators via Lyapunov control. <i>Physical Review A</i> , 2020 , 102,	2.6	4
52	Broadband acoustic focusing via binary rectangular cavity/Helmholtz resonator metasurface. <i>Journal of Applied Physics</i> , 2021 , 129, 155307	2.5	4
51	Generation of N-particle W State with Trapped Ξ -type Ions by Transitionless Quantum Driving. <i>Annalen Der Physik</i> , 2021 , 533, 2000526	2.6	4
50	Photonic topological Weyl degeneracies and ideal type-I Weyl points in the gyromagnetic metamaterials. <i>Physical Review B</i> , 2021 , 103,	3.3	4
49	Unselective ground-state blockade of Rydberg atoms for implementing quantum gates. <i>Frontiers of Physics</i> , 2022 , 17, 1	3.7	4
48	Accelerating adiabatic quantum transfer for three-level Ξ -type structure systems via picture transformation. <i>Annals of Physics</i> , 2017 , 379, 102-111	2.5	3
47	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> , 2015 , 62, 1591-1599	1.1	3
46	Generation of three-dimensional entanglement between two antiblockade Rydberg atoms with detuning-compensation-induced effective resonance. <i>Laser Physics</i> , 2020 , 30, 045201	1.2	3
45	Quantum speed limit for a three-qubit system in spin-chain environment with multisite interaction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020 , 384, 126309	2.3	3
44	Effective scheme for preparation of multi-atom Greenberger-Horne-Zeilinger states in coupled cavities via adiabatic passage. <i>Journal of Modern Optics</i> , 2013 , 60, 1349-1354	1.1	3

43	Quantum correlations dynamics of three-qubit states coupled to an XY spin chain: Role of coupling strengths. <i>Chinese Physics B</i> , 2017 , 26, 100501	1.2	3
42	Implementation of quantum state manipulation in a dissipative cavity. <i>Scientific Reports</i> , 2015 , 5, 10656	4.9	3
41	Experimentally optimized implementation of the Fredkin gate with atoms in cavity QED. <i>Quantum Information Processing</i> , 2015 , 14, 511-529	1.6	3
40	Positive Protocol for Quantum Teleportation Using Photon Polarization-Entangled W-Type State as the Quantum Channel. <i>International Journal of Theoretical Physics</i> , 2012 , 51, 3423-3431	1.1	3
39	Robust Generation of Logical Qubit Singlet States with Reverse Engineering and Optimal Control with Spin Qubits. <i>Advanced Quantum Technologies</i> , 2020 , 3, 2000113	4.3	3
38	One-step implementation of Rydberg-antiblockade SWAP and controlled-SWAP gates with modified robustness. <i>Photonics Research</i> , 2021 , 9, 814	6	3
37	One-step engineering many-atom NOON state. <i>New Journal of Physics</i> , 2018 , 20, 093019	2.9	3
36	Systematic-Error-Tolerant Multiqubit Holonomic Entangling Gates. <i>Physical Review Applied</i> , 2021 , 16,	4.3	3
35	Constructing multi-target controlled phase gate in circuit QED and its applications. <i>Europhysics Letters</i> , 2019 , 127, 50002	1.6	2
34	Implementation of Controlled-NOT Gate by Lyapunov Control. <i>Annalen Der Physik</i> , 2019 , 531, 1900086	2.6	2
33	Generation of three-qubit Greenberger-Horne-Zeilinger states of superconducting qubits by using dressed states. <i>Quantum Information Processing</i> , 2017 , 16, 1	1.6	2
32	Quantum control with Lyapunov function and bang-bang solution in the optomechanics system. <i>Frontiers of Physics</i> , 2022 , 17, 1	3.7	2
31	Accelerated high-fidelity Bell states generation based on dissipation dynamics and Lyapunov control. <i>Quantum Information Processing</i> , 2021 , 20, 1	1.6	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> , 2021 , 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> , 2022 , 534, 2100461	2.6	2
27	Wavelength-selected bifunctional beam shaping for transmitted acoustic waves via coding metasurface. <i>Applied Acoustics</i> , 2022 , 194, 108786	3.1	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> , 2018 , 96, 81-89	1.1	1

25	Emergence of multipartite optomechanical entanglement in microdisk cavities coupled to nanostring waveguide. <i>Quantum Information Processing</i> , 2013 , 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> , 2017 , 385, 40-56	2.5	1
23	Quantum computation and entangled state generation through a cavity output process. <i>Open Physics</i> , 2011 , 9,	1.3	1
22	Generation of four-atom entangled decoherence-free states by interference of polarized photons. <i>Journal of Modern Optics</i> , 2009 , 56, 1545-1549	1.1	1
21	Controlled local implementation of nonlocal operations. <i>Journal of Modern Optics</i> , 2008 , 55, 3063-3070	1.1	1
20	Enhanced Phonon Blockade in a Weakly Coupled Hybrid System via Mechanical Parametric Amplification. <i>Physical Review Applied</i> , 2022 , 17,	4.3	1
19	Noise-resistant phase gates with amplitude modulation. <i>Physical Review A</i> , 2020 , 102,	2.6	1
18	Fast CNOT gate via shortcuts to adiabatic passage. <i>Journal of Modern Optics</i> , 2016 , 63, 1943-1951	1.1	1
17	Quantum coherence and its distribution in the extended Ising chain. <i>Quantum Information Processing</i> , 2021 , 20, 1	1.6	1
16	Detecting a single atom in a cavity using the $\chi^{(2)}$ nonlinear medium. <i>Frontiers of Physics</i> , 2022 , 17, 1	3.7	1
15	Unidirectional acoustic metamaterials based on nonadiabatic holonomic quantum transformations. <i>Science China: Physics, Mechanics and Astronomy</i> , 2022 , 65, 1	3.6	1
14	Resilient Mølmer-Sørensen gate with cavity QED. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021 , 388, 127033	2.3	0
13	Shortcuts to Adiabatic Passage for Fast Generation of Entangled States in Directly Coupled Bimodal-Mode Cavities. <i>International Journal of Theoretical Physics</i> , 2021 , 60, 200-213	1.1	0
12	Efficient implementation of arbitrary quantum state engineering in four-state system by counterdiabatic driving. <i>Laser Physics Letters</i> , 2018 , 15, 075201	1.5	0
11	Topological characteristic of Weyl degeneracies in a reciprocal chiral metamaterials system. <i>New Journal of Physics</i> , 2021 , 23, 093036	2.9	0
10	Broadband Controllable Asymmetric Accelerating Beam via Bilayer Binary Acoustic Metasurfaces. <i>Annalen Der Physik</i> , 2022 , 534, 2100208	2.6	0
9	Controllable Dual Hybrid Tamm Plasmon Modes in Binary Gold Nanodisk Arrays and Distributed Bragg Reflector Structure. <i>Plasmonics</i> , 2019 , 14, 1091-1098	2.4	
8	Manipulation of Multi-Level Quantum Systems via Unsharp Measurements and Feedback Operations. <i>Annalen Der Physik</i> , 2019 , 531, 1900063	2.6	

- 7 Effective scheme for enhancing entanglement in distant optomechanical system by injecting the atomic medium. *Canadian Journal of Physics*, **2013**, 91, 146-152 1.1
- 6 A Direct Measurement Scheme of Two Quantum-Dot Qubits Quantum Correlation via Detector Current. *International Journal of Theoretical Physics*, **2012**, 51, 2930-2942 1.1
- 5 QUANTUM TELEPORTATION VIA 1D OPTICAL LATTICE CHAINS WITH NONLINEAR COUPLING. *International Journal of Quantum Information*, **2008**, 06, 1213-1222 0.8
- 4 Optical protocol for quantum state sharing of superposed coherent state. *Journal of Modern Optics*, **2008**, 55, 2071-2082 1.1
- 3 Engineering distributed atomic NOON states via single-photon detection. *Quantum Information Processing*, **2021**, 20, 1 1.6
- 2 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
- 1 Tunable ultra-high quality factor graphene absorber based on semicylindrical silica array and distributed Bragg reflector structure. *AIP Advances*, **2022**, 12, 055125 1.5