Two-step quantum direct communication protocol usin block

Physical Review A 68,

DOI: 10.1103/physreva.68.042317

Citation Report

#	Article	IF	CITATIONS
1	THE IMPROVED BOSTROM–FELBINGER PROTOCOL AGAINST ATTACKS WITHOUT EAVESDROPPING. International Journal of Quantum Information, 2004, 02, 521-527.	0.6	52
2	A scheme for secure direct communication using EPR pairs and teleportation. European Physical Journal B, 2004, 41, 75-78.	0.6	265
3	Quantum dialogue. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 328, 6-10.	0.9	317
4	Improving Wójcik's eavesdropping attack on the ping–pong protocol. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 333, 46-50.	0.9	118
5	Secure direct communication with a quantum one-time pad. Physical Review A, 2004, 69, .	1.0	1,016
6	Bidirectional quantum key distribution protocol with practical faint laser pulses. Physical Review A, 2004, 70, .	1.0	280
7	Experimental realization of quantum cryptography communication in free space. Science in China Series G: Physics, Mechanics and Astronomy, 2005, 48, 237.	0.2	9
8	Multi-step quantum secure direct communication using multi-particle Green–Horne–Zeilinger state. Optics Communications, 2005, 253, 15-20.	1.0	318
9	Bidirectional quantum secret sharing and secret splitting with polarized single photons. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 337, 329-334.	0.9	181
10	An efficient quantum secret sharing scheme with Einstein–Podolsky–Rosen pairs. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 340, 43-50.	0.9	120
11	Many-agent controlled teleportation of multi-qubit quantum information. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 341, 55-59.	0.9	119
12	Improved Wójcik's eavesdropping attack on ping-pong protocol without eavesdropping-induced channel loss. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 341, 385-389.	0.9	49
13	Multiparty quantum secret sharing of secure direct communication. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 342, 60-66.	0.9	160
14	Multiparty secret sharing of quantum information using and identifying Bell states. European Physical Journal D, 2005, 33, 133-136.	0.6	125
15	Secure Deterministic Communication without Entanglement. Physical Review Letters, 2005, 94, 140501.	2.9	368
16	Symmetric multiparty-controlled teleportation of an arbitrary two-particle entanglement. Physical Review A, 2005, 72, .	1.0	406
17	AN EFFICIENT MULTIPARTY QUANTUM KEY DISTRIBUTION SCHEME. International Journal of Quantum Information, 2005, 03, 555-560.	0.6	24
18	QUANTUM SECURE CONDITIONAL DIRECT COMMUNICATION VIA EPR PAIRS. International Journal of Modern Physics C, 2005, 16, 1293-1301.	0.8	40

#	ARTICLE	IF	Citations
19	Quantum secure direct communication with high-dimension quantum superdense coding. Physical Review A, 2005, 71 , .	1.0	798
20	Deterministic secure direct communication using GHZ states and swapping quantum entanglement. Journal of Physics A, 2005, 38, 5761-5770.	1.6	177
21	Multiparty quantum secret sharing of classical messages based on entanglement swapping. Physical Review A, 2005, 72, .	1.0	337
22	Many-Agent Controlled Teleportation of Multi-qubit Quantum Information via Quantum Entanglement Swapping. Communications in Theoretical Physics, 2005, 44, 847-850.	1.1	46
23	Multiparty quantum secret sharing. Physical Review A, 2005, 71, .	1.0	385
24	Improving the security of multiparty quantum secret sharing against Trojan horse attack. Physical Review A, 2005, 72, .	1.0	478
25	Multiparty quantum-state sharing of an arbitrary two-particle state with Einstein-Podolsky-Rosen pairs. Physical Review A, 2005, 72, .	1.0	409
26	High-dimension multiparty quantum secret sharing scheme with Einstein–Podolsky–Rosen pairs. Chinese Physics B, 2006, 15, 2228-2235.	1.3	21
27	Efficient Quantum Cryptography Network without Entanglement and Quantum Memory. Chinese Physics Letters, 2006, 23, 2896-2899.	1.3	128
28	Quantum Secure Direct Communication Network with Two-Step Protocol. Chinese Physics Letters, 2006, 23, 1080-1083.	1.3	47
29	Quantum direct communication with authentication. Physical Review A, 2006, 73, .	1.0	186
30	Improving the security of secure direct communication based on the secret transmitting order of particles. Physical Review A, 2006, 74, .	1.0	403
31	Revisiting Quantum Secure Direct Communication with W State. Chinese Physics Letters, 2006, 23, 2652-2655.	1.3	36
32	Quantum secure direct communication by using GHZ states and entanglement swapping. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 3855-3863.	0.6	95
33	Quantum Secure Direct Communication with Cluster State. Chinese Physics Letters, 2006, 23, 2658-2661.	1.3	37
34	Circular quantum secret sharing. Journal of Physics A, 2006, 39, 14089-14099.	1.6	128
35	Multiparty Quantum Secret Report. Chinese Physics Letters, 2006, 23, 1676-1679.	1.3	34
36	Multiparty secret sharing of quantum information via cavity QED. Optics Communications, 2006, 261, 199-202.	1.0	61

#	ARTICLE	IF	CITATIONS
38	Multiparty controlled quantum secure direct communication using Greenberger–Horne–Zeilinger state. Optics Communications, 2006, 266, 732-737.	1.0	82
39	Three-party quantum secure direct communication based on GHZ states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 354, 67-70.	0.9	180
40	Multiparty quantum secret splitting and quantum state sharing. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 354, 190-195.	0.9	80
41	On the information-splitting essence of two types of quantum key distribution protocols. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 355, 172-175.	0.9	29
42	Improving the security of multiparty quantum secret splitting and quantum state sharing. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 358, 11-14.	0.9	25
43	Quantum secure direct communication based on order rearrangement of single photons. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 358, 256-258.	0.9	151
44	Quantum secure direct communication network with Einstein–Podolsky–Rosen pairs. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 359, 359-365.	0.9	156
45	Quantum state sharing of an arbitrary two-qubit state with two-photon entanglements and Bell-state measurements. European Physical Journal D, 2006, 39, 459-464.	0.6	182
46	Eavesdropping on the orderly-encrypting multiparty quantum secret sharing protocols. Wuhan University Journal of Natural Sciences, 2006, 11, 1593-1596.	0.2	0
47	Efficient One-Sender Versus N -Receiver Quantum Secure Direct Communication. Chinese Physics Letters, 2006, 23, 1973-1975.	1.3	10
48	Multiparty Simultaneous Quantum Identity Authentication Based on Entanglement Swapping. Chinese Physics Letters, 2006, 23, 2360-2363.	1.3	36
49	SECURE DETERMINISTIC BIDIRECTIONAL COMMUNICATION WITHOUT ENTANGLEMENT. International Journal of Quantum Information, 2006, 04, 739-746.	0.6	20
50	Quantum secure direct communication scheme using a W state and teleportation. Physica Scripta, 2006, 74, 572-575.	1.2	46
51	A New Quantum Communication Scheme by Using Bell States. Communications in Theoretical Physics, 2006, 45, 271-274.	1.1	6
52	Secure Direct Communication Using Ensembles with the Same Compressed Density Matrix. Communications in Theoretical Physics, 2006, 46, 440-442.	1.1	16
53	Multiparty Quantum Secret Sharing of Classical Message using Cavity Quantum Electrodynamic System. Chinese Physics Letters, 2006, 23, 1988-1991.	1.3	5
54	QUANTUM SECURE DIRECT COMMUNICATION WITHOUT A PRE-ESTABLISHED SECURE QUANTUM CHANNEL. International Journal of Quantum Information, 2006, 04, 925-934.	0.6	11
55	Probabilistic Teleportation of an Arbitrary Unknown Two-Qubit State via Positive Operator-Valued Measure and Two Non-maximally Entangled States. Communications in Theoretical Physics, 2006, 46, 859-862.	1.1	11

#	ARTICLE	IF	Citations
56	Quantum Privacy Amplification for a Sequence of Single Qubits. Communications in Theoretical Physics, 2006, 46, 443-446.	1.1	28
57	Secure quantum dialogue based on single-photon. Chinese Physics B, 2006, 15, 1418-1420.	1.3	93
58	Secure direct communication based on secret transmitting order of particles. Physical Review A, 2006, 73, .	1.0	258
59	Efficient symmetric multiparty quantum state sharing of an arbitrarym-qubit state. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 1975-1983.	0.6	196
60	Quantum Secure Direct Communication with W State. Chinese Physics Letters, 2006, 23, 290-292.	1.3	98
61	QUANTUM SECURE DIRECT COMMUNICATION WITHOUT USING PERFECT QUANTUM CHANNEL. International Journal of Modern Physics C, 2006, 17, 685-692.	0.8	12
62	Controlled Bidirectional Quantum Direct Communication by Using a GHZ State. Chinese Physics Letters, 2006, 23, 1680-1682.	1.3	91
63	MANY-AGENT CONTROLLED MULTI-PLAYER QUANTUM SECRET SHARING SCHEME. International Journal of Modern Physics C, 2007, 18, 177-185.	0.8	5
64	Quantum broadcast communication. Chinese Physics B, 2007, 16, 1868-1877.	1.3	17
65	An efficient quantum secure direct communication scheme with authentication. Chinese Physics B, 2007, 16, 1838-1842.	1.3	30
66	From Quantum Key Distribution to Quantum Secure Direct Communication. , 2007, , .		1
67	Quantum secure direct communication network with superdense coding and decoy photons. Physica Scripta, 2007, 76, 25-30.	1.2	32
68	Economical quantum secure direct communication network with single photons. Chinese Physics B, 2007, 16, 3553-3559.	1.3	20
69	MULTIPARTY QUANTUM SECRET SHARING SCHEME OF CLASSICAL MESSAGES BY SWAPPING QUDIT-STATE ENTANGLEMENT. International Journal of Modern Physics C, 2007, 18, 1885-1901.	0.8	16
70	Controlled Teleportation of an Arbitrary Multi-Qudit State in a General Form with d -Dimensional Greenberger–Horne–Zeilinger States. Chinese Physics Letters, 2007, 24, 1151-1153.	1.3	80
71	Multiparty Quantum Remote Secret Conference. Chinese Physics Letters, 2007, 24, 23-26.	1.3	22
72	Efficient Three-Party Quantum Secret Sharing with Single Photons. Chinese Physics Letters, 2007, 24, 2181-2184.	1.3	26
73	An Implementation of a Positive Operator Valued Measure. Chinese Physics Letters, 2007, 24, 322-325.	1.3	2

#	Article	IF	Citations
74	Probabilistic Controlled Teleportation of a Triplet W State. Chinese Physics Letters, 2007, 24, 1144-1146.	1.3	16
75	Quantum dialogue using non-maximally entangled states based on entanglement swapping. Physica Scripta, 2007, 76, 363-369.	1.2	23
76	Quantum Key Distribution Network Based on Differential Phase Shift. Chinese Physics Letters, 2007, 24, 1463-1466.	1.3	12
77	Three-Party Simultaneous Quantum Secure Direct Communication Scheme with EPR Pairs. Chinese Physics Letters, 2007, 24, 2486-2488.	1.3	19
78	Quantum secure direct communication via partially entangled states. Chinese Physics B, 2007, 16, 1197-1200.	1.3	17
79	A Method for Transferring an Unknown Quantum State and Its Application. Communications in Theoretical Physics, 2007, 47, 629-632.	1.1	2
80	Controlled Quantum $\langle i \rangle N \langle i \rangle$ -Party Simultaneous Direct Communication. Communications in Theoretical Physics, 2007, 48, 79-82.	1.1	21
81	Measuring-Basis Encrypted Quantum Key Distribution with Four-State Systems. Communications in Theoretical Physics, 2007, 47, 49-52.	1.1	16
82	Quantum Secure Communication Scheme with $\langle i \rangle W \langle i \rangle$ State. Communications in Theoretical Physics, 2007, 48, 637-640.	1.1	56
83	Probabilistic teleportation of an arbitrary GHZ-class state with a pure entangled two-particle quantum channel and its application in quantum state sharing. Chinese Physics B, 2007, 16, 2867-2874.	1.3	7
84	Controlled Secure Quantum Dialogue Using a Pure Entangled GHZ States. Communications in Theoretical Physics, 2007, 48, 841-846.	1.1	62
85	Unconditional secure two-way quantum dense key distribution. Chinese Physics B, 2007, 16, 2862-2866.	1.3	8
86	Unsymmetrical Quantum Key Distribution Using Tripartite Entanglement. Communications in Theoretical Physics, 2007, 47, 441-445.	1.1	5
87	Multiparty Quantum Secret Sharing of Secure Direct Communication Using Teleportation. Communications in Theoretical Physics, 2007, 47, 454-458.	1.1	29
88	Quantum Bidirectional Secure Direct Communication via Entanglement Swapping. Chinese Physics Letters, 2007, 24, 19-22.	1.3	78
89	Quantum secure direct communication protocol with blind polarization bases and particles' transmitting order. Chinese Physics B, 2007, 16, 621-623.	1.3	10
90	The effectiveness of quantum operations for eavesdropping on sealed messages. Journal of Physics: Conference Series, 2007, 70, 012011.	0.3	0
91	Improvement of Security of Three-Party Quantum Secure Direct Communication Based on GHZ States. Chinese Physics Letters, 2007, 24, 15-18.	1.3	67

#	Article	IF	Citations
92	Comment on "Quantum direct communication with authentication― Physical Review A, 2007, 75, .	1.0	106
93	Multiparty-controlled teleportation of an arbitrary <i>m</i> -qudit state with a pure entangled quantum channel. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 13121-13130.	0.7	92
94	Eavesdropping on the `ping-pong' quantum communication protocol freely in a noise channel. Chinese Physics B, 2007, 16 , $277-281$.	1.3	35
95	Quantum secure direct communication with quantum encryption based on pure entangled states. Chinese Physics B, 2007, 16, 2149-2153.	1.3	143
96	Multiparty quantum secret sharing based on the improved Boström–Felbinger protocol. Optics Communications, 2007, 269, 418-422.	1.0	56
97	Secure quantum telephone. Optics Communications, 2007, 275, 278-282.	1.0	29
98	Multiparty quantum secret sharing with pure entangled states and decoy photons. Physica A: Statistical Mechanics and Its Applications, 2007, 381, 164-169.	1.2	58
99	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.	0.9	107
100	One-time pads cannot be used to improve the efficiency of quantum communication. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 365, 386-388.	0.9	14
101	Multiparty-controlled quantum secure direct communication. Journal of Experimental and Theoretical Physics, 2007, 105, 1132-1135.	0.2	13
102	Quasi-secure quantum dialogue using single photons. Science in China Series G: Physics, Mechanics and Astronomy, 2007, 50, 558-562.	0.2	75
103	Quantum secure direct communication and deterministic secure quantum communication. Frontiers of Physics in China, 2007, 2, 251-272.	1.0	247
104	Quantum state sharing of an arbitrary m-qudit state with two-qudit entanglements and generalized Bell-state measurements. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 4716-4722.	1.2	48
105	Generalized Multiparty Quantum Single-Qutrit-State Sharing. International Journal of Theoretical Physics, 2008, 47, 2353-2362.	0.5	24
106	Secure Direct Communication Based onÂNon-Orthogonal Entangled Pairs andÂLocalÂMeasurement. International Journal of Theoretical Physics, 2008, 47, 3401-3407.	0.5	12
107	Threshold quantum secure direct communication without entanglement. Science in China Series G: Physics, Mechanics and Astronomy, 2008, 51, 176-183.	0.2	35
108	Threshold proxy quantum signature scheme with threshold shared verification. Science in China Series G: Physics, Mechanics and Astronomy, 2008, 51, 1079-1088.	0.2	43
109	Revisiting the security of quantum dialogue and bidirectional quantum secure direct communication. Science in China Series G: Physics, Mechanics and Astronomy, 2008, 51, 559-566.	0.2	142

#	Article	IF	CITATIONS
110	Quantum threshold group signature. Science in China Series G: Physics, Mechanics and Astronomy, 2008, 51, 1505-1514.	0.2	22
111	Controlled remote implementation of partially unknown quantum operation. Science in China Series G: Physics, Mechanics and Astronomy, 2008, 51, 1661-1667.	0.2	12
112	Comparing the efficiencies of different detect strategies in the ping-pong protocol. Science in China Series G: Physics, Mechanics and Astronomy, 2008, 51, 1853-1860.	0.2	23
113	Efficient generation of Bell and W-type states in cavity QED. Science Bulletin, 2008, 53, 2410-2413.	4.3	12
114	Controlled teleportation. Frontiers of Computer Science, 2008, 2, 147-160.	0.6	30
115	Efficient high-capacity quantum secret sharing with two-photon entanglement. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 1957-1962.	0.9	107
116	A controlled quantum dialogue protocol in the network using entanglement swapping. Optics Communications, 2008, 281, 6135-6138.	1.0	50
117	Multiparty quantum secret sharing of secure direct communication using single photons. Optics Communications, 2008, 281, 2690-2694.	1.0	89
118	Large-capability quantum key distribution with entangled qutrits. Optics Communications, 2008, 281, 3938-3942.	1.0	10
119	A special attack on the multiparty quantum secret sharing of secure direct communication using single photons. Optics Communications, 2008, 281, 5472-5474.	1.0	28
120	Efficient and economic five-party quantum state sharing of an arbitrary m-qubit state. European Physical Journal D, 2008, 48, 279-284.	0.6	46
121	Efficient generation of multi-photon W states by joint-measurement. Progress in Natural Science: Materials International, 2008, 18, 119-122.	1.8	10
122	Efficient quantum secure direct communication with authentication., 2008,,.		8
123	Efficient polarization-entanglement purification based on parametric down-conversion sources with cross-Kerr nonlinearity. Physical Review A, 2008, 77, .	1.0	294
124	Nonlocal entanglement concentration scheme for partially entangled multipartite systems with nonlinear optics. Physical Review A, 2008, 77, .	1.0	250
125	Controlled Teleportation Using Four-Particle Cluster State. Communications in Theoretical Physics, 2008, 50, 633-636.	1.1	85
126	A Special Eavesdropping on One-Sender Versus N -Receiver QSDC Protocol. Chinese Physics Letters, 2008, 25, 1561-1563.	1.3	74
127	Quantum secure direct communication with <mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>ï‡</mml:mi></mml:math> -type entangled states. Physical Review A, 2008, 78, .	1.0	210

#	ARTICLE	IF	Citations
128	Optimizing resource consumption, operation complexity and efficiency in quantum-state sharing. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 145506.	0.6	119
129	Deterministic Secure Quantum Communication with Cluster State and Bell-Basis Measurements. Communications in Theoretical Physics, 2008, 50, 1105-1108.	1.1	4
130	Two Avowable Quantum Communication Schemes. Communications in Theoretical Physics, 2008, 50, 1109-1112.	1.1	3
131	Construction and application of multi-partner communication network. Chinese Physics B, 2008, 17, 3991-3995.	0.7	7
132	Quantum Secure Direct Communication Using Entangled Photon Pairs and Local Measurement. Communications in Theoretical Physics, 2008, 50, 81-84.	1.1	5
133	Revisiting Controlled Quantum Secure Direct Communication Using a Non-symmetric Quantum Channel with Quantum Superdense Coding. Communications in Theoretical Physics, 2008, 49, 887-890.	1.1	20
134	Quantum Communication Scheme Using Non-symmetric Quantum Channel. Communications in Theoretical Physics, 2008, 50, 379-382.	1.1	1
135	Controlled Secure Quantum Communication Using Pure Entangled W Class States. Communications in Theoretical Physics, 2008, 49, 919-924.	1.1	13
136	Eavesdropping on Quantum Secure Direct Communication with W State in Noisy Channel. Communications in Theoretical Physics, 2008, 49, 103-106.	1.1	9
137	Quantum Secure Communication by Using GHZ State in High-Dimensional Hilbert Space. Communications in Theoretical Physics, 2008, 50, 368-370.	1.1	14
138	Remote interactions on two distributed quantum systems: nonlocal unambiguous quantum-state discrimination. Chinese Physics B, 2008, 17, 778-784.	0.7	3
139	Efficient quantum secure communication with a publicly known key. Chinese Physics B, 2008, 17, 2352-2355.	0.7	11
140	Quantum Secure Direct Intercommunication with Superdense Coding and Entanglement Swapping. Communications in Theoretical Physics, 2008, 50, 1290-1294.	1.1	0
141	A Novel Deterministic Quantum Communication Scheme Using Stabilizer Quantum Code. Communications in Theoretical Physics, 2008, 49, 93-99.	1.1	0
142	Teleportation attack on the QSDC protocol with a random basis and order. Chinese Physics B, 2008, 17, 3189-3193.	0.7	86
143	An Efficient Deterministic Secure Quantum Communication Scheme with W State., 2008,,.		1
144	Efficient Many-to-One and One-to-Many Multiparty Quantum Secure Direct Dommunication with Authentication. , 2008, , .		2
145	Authenticated Deterministic Secure Quantum Communication Based on Entanglement Swapping. , 2008, , .		2

#	Article	IF	CITATIONS
146	Robust Quantum Secure Direct Communication and Deterministic Secure Quantum Communication over Collective Dephasing Noisy Channel. Communications in Theoretical Physics, 2008, 50, 627-632.	1.1	7
147	Quantum Secure Direct Communication Based on Authentication. Chinese Physics Letters, 2008, 25, 3860-3863.	1.3	14
148	Efficient Quantum Secure Direct Communication with Authentication. Chinese Physics Letters, 2008, 25, 2354-2357.	1.3	29
149	MULTIPARTY CONTROLLED DETERMINISTIC SECURE QUANTUM COMMUNICATION THROUGH ENTANGLEMENT SWAPPING. International Journal of Modern Physics C, 2008, 19, 1673-1681.	0.8	8
150	ENCRYPTION AND DECRYPTION FOR QUANTUM SECRET SHARING PROTOCOL WITH HOT TRAPPED IONS. Modern Physics Letters B, 2008, 22, 1243-1249.	1.0	9
151	A study on entanglement dynamics for a four-qubit model. Chinese Physics B, 2008, 17, 3198-3202.	0.7	8
152	SECURE DIRECT COMMUNICATION USING DETERMINISTIC BB84 PROTOCOL. International Journal of Modern Physics C, 2008, 19, 625-635.	0.8	15
153	A QUANTUM SPLITTING SCHEME OF ARBITRARY TWO-QUBIT STATE USING FOUR-QUBIT CLUSTER STATE. International Journal of Quantum Information, 2008, 06, 1033-1040.	0.6	12
154	Forcible-Measurement Attack on Quantum Secure Direct Communication Protocol with Cluster State. Chinese Physics Letters, 2008, 25, 2766-2769.	1.3	18
155	Quantum Secure Direct Communication Using W State. Communications in Theoretical Physics, 2008, 49, 1495-1498.	1.1	27
156	ENTANGLEMENT SWAPPING AND QUANTUM COMMUNICATION IN CAVITY QED. International Journal of Quantum Information, 2008, 06, 1255-1262.	0.6	1
157	DETERMINISTIC SECURE QUANTUM COMMUNICATION ACHIEVED BY USING QUANTUM SWAPPING. International Journal of Quantum Information, 2008, 06, 493-502.	0.6	6
158	Quantum Secure Communication Using a Class of Three-Particle W State. Communications in Theoretical Physics, 2008, 50, 359-362.	1.1	92
159	Controlled Teleportation of Multi-qutrit Quantum Information by Swapping Entanglement. Communications in Theoretical Physics, 2008, 49, 338-342.	1.1	10
160	Multi-proxy quantum group signature scheme with threshold shared verification. Chinese Physics B, 2008, 17, 415-418.	0.7	51
161	Indistinguishability of orthogonal time-separated bell states. Chinese Physics B, 2008, 17, 3194-3197.	0.7	1
162	Efficient Deterministic Secure Quantum Communication with Cluster State., 2008,,.		5
163	Authenticated Quantum Secure Direct Communication with Qutrits., 2008,,.		1

#	Article	IF	CITATIONS
164	PERFECT CONTROLLED QUANTUM SECURE DIRECT COMMUNICATION. International Journal of Quantum Information, 2008, 06, 463-470.	0.6	5
165	Remote Preparation of Photon Polarization States within a Network. Chinese Physics Letters, 2008, 25, 20-23.	1.3	5
166	Multiparty Quantum Chatting Scheme. Chinese Physics Letters, 2008, 25, 828-831.	1.3	9
167	Quantum Secret Sharing Protocol between Multiparty and Multiparty with Single Photons and Unitary Transformations. Chinese Physics Letters, 2008, 25, 1187-1190.	1.3	37
168	MULTIPARTY QUANTUM SECRET SHARING OF SECURE DIRECT COMMUNICATION WITH HIGH-DIMENSIONAL QUANTUM SUPERDENSE CODING. International Journal of Quantum Information, 2008, 06, 1155-1163.	0.6	15
169	DOUBLING THE CAPACITY OF QUANTUM KEY DISTRIBUTION BY USING BOTH POLARIZATION AND DIFFERENTIAL PHASE SHIFT. International Journal of Quantum Information, 2009, 07, 529-537.	0.6	12
170	Efficient Quantum Secure Communication Protocol by Rearranging Particle Orders. Communications in Theoretical Physics, 2009, 52, 845-847.	1.1	4
171	QUANTUM SECURE DIRECT COMMUNICATION USING A SIX-QUBIT MAXIMALLY ENTANGLED STATE WITH DENSE CODING. International Journal of Quantum Information, 2009, 07, 645-651.	0.6	10
172	FAULT TOLERANT QUANTUM KEY DISTRIBUTION BASED ON QUANTUM DENSE CODING WITH COLLECTIVE NOISE. International Journal of Quantum Information, 2009, 07, 1479-1489.	0.6	62
173	An efficient deterministic secure quantum communication scheme based on cluster states and identity authentication. Chinese Physics B, 2009, 18, 4105-4109.	0.7	45
174	THRESHOLD MULTIPARTY QUANTUM-INFORMATION SPLITTING VIA QUANTUM CHANNEL ENCRYPTION. International Journal of Quantum Information, 2009, 07, 1249-1254.	0.6	33
175	QUANTUM DIALOGUE BY USING THE TWO-QUTRIT ENTANGLED STATES. Modern Physics Letters B, 2009, 23, 2993-2998.	1.0	9
176	Quantum Secure Direct Communication Using Six-Particle Maximally Entangled States and Teleportation. Communications in Theoretical Physics, 2009, 51, 429-432.	1.1	16
177	Deterministic Quantum Secure Direct Communication with Dense Coding and Continuous Variable Operations. Communications in Theoretical Physics, 2009, 51, 648-652.	1.1	4
178	Entanglement evolution and transfer in a double Tavis-Cumming model in cavity QED. Chinese Physics B, 2009, 18, 4117-4121.	0.7	0
179	Multiparty quantum secret conference based on quantum encryption with pure entangled states. Chinese Physics B, 2009, 18, 2137-2142.	0.7	8
180	Multiparty Quantum Secret Sharing Using Quantum Fourier Transform. Communications in Theoretical Physics, 2009, 51, 221-226.	1.1	11
181	Threshold Quantum Secret Sharing of Secure Direct Communication. Chinese Physics Letters, 2009, 26, 010302.	1.3	28

#	Article	IF	CITATIONS
182	High Efficiency of Two Efficient QSDC with Authentication Is at the Cost of Their Security. Chinese Physics Letters, 2009, 26, 020312.	1.3	12
183	CONTROLLED DENSE CODING WITH EXTENDED GHZ STATE. International Journal of Quantum Information, 2009, 07, 1241-1248.	0.6	2
184	Deterministic Secure Bidirectional Quantum Communication., 2009,,.		0
185	An efficient two-party quantum private comparison protocol with decoy photons and two-photon entanglement. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 055305.	0.7	249
186	Generation of four-atom entangled decoherence-free states by interference of polarized photons. Journal of Modern Optics, 2009, 56, 1545-1549.	0.6	1
187	REVISITING NASERI'S SECURE QUANTUM SEALED-BID AUCTION. International Journal of Quantum Information, 2009, 07, 1295-1301.	0.6	18
188	Improvement on Quantum Secure Direct Communication with W State in Noisy Channel. Communications in Theoretical Physics, 2009, 51, 232-234.	1.1	11
189	Quantum Dialogue Protocol Using a Class of Three-Photon W States. Communications in Theoretical Physics, 2009, 52, 853-856.	1.1	27
190	Quantum Secure Direct Communication with Four-Particle Genuine Entangled State and Dense Coding. Communications in Theoretical Physics, 2009, 52, 60-62.	1.1	22
191	Cryptanalysis of an Improved Flexible Ping-Pong Protocol in Perfect and Imperfect Quantum Channels. Chinese Physics Letters, 2009, 26, 100305.	1.3	3
192	EFFICIENT POLARIZATION ENTANGLEMENT GENERATION FROM SPATIALLY CORRELATED PHOTONS. International Journal of Quantum Information, 2009, 07, 795-800.	0.6	0
193	AN EFFICIENT DETERMINISTIC SECURE QUANTUM COMMUNICATION SCHEME WITH CLUSTER STATE. International Journal of Quantum Information, 2009, 07, 689-696.	0.6	13
194	Eavesdropping on secure quantum telephone protocol with dishonest server. Optics Communications, 2009, 282, 3375-3378.	1.0	11
195	Quantum key distribution protocols with six-photon states against collective noise. Optics Communications, 2009, 282, 4171-4174.	1.0	36
196	Controlled Quantum Secure Direct Communication byÂUsing Four Particle Cluster States. International Journal of Theoretical Physics, 2009, 48, 2971-2976.	0.5	23
197	Secure direct communication based on ping–pong protocol. Quantum Information Processing, 2009, 8, 347-356.	1.0	37
198	Quantum secure direct communication over the collective amplitude damping channel. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1208-1212.	0.2	36
199	Arbitrarily long distance quantum communication using inspection and power insertion. Science Bulletin, 2009, 54, 158-162.	1.7	41

#	Article	IF	CITATIONS
200	One-way quantum identity authentication based on public key. Science Bulletin, 2009, 54, 2018-2021.	4.3	27
201	Two-step unsymmetrical quantum key distribution protocol using GHZ triplet states. Journal of China Universities of Posts and Telecommunications, 2009, 16, 114-121.	0.8	1
202	Controlled deterministic secure quantum communication using five-qubit entangled states and two-step security test. Optics Communications, 2009, 282, 333-337.	1.0	55
203	Deterministic secure quantum communication against collective-dephasing noise by using EPR pairs and auxiliary photons. Optics Communications, 2009, 282, 1688-1690.	1.0	26
204	Deterministic secure quantum communication using four-particle genuine entangled state and entanglement swapping. Optics Communications, 2009, 282, 2457-2459.	1.0	54
205	Improved secure quantum sealed-bid auction. Optics Communications, 2009, 282, 4167-4170.	1.0	61
206	Secure quantum sealed-bid auction. Optics Communications, 2009, 282, 1939-1943.	1.0	66
207	Bidirectional quantum secure communication based on a shared private Bell state. Optics Communications, 2009, 282, 2460-2463.	1.0	69
208	Cryptanalysis and improvement of a DSQC using four-particle entangled state and entanglement swapping. Optics Communications, 2009, 282, 4017-4019.	1.0	15
209	Quantum secure direct communication by entangled qutrits and entanglement swapping. Optics Communications, 2009, 282, 4633-4636.	1.0	21
210	Quantum asymmetric cryptography with symmetric keys. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1925-1931.	0.2	25
211	Deterministic secure quantum communication over a collective-noise channel. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1913-1918.	0.2	56
212	Quantum key distribution using polarization and frequency hyperentangled photons. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 2072.	0.9	12
213	Multiparty Quantum Secret Sharing Using Two-Photon Three-Dimensional Bell States. Communications in Theoretical Physics, 2009, 52, 421-424.	1.1	25
214	Notice of Retraction: Quantum secure communication for wireless sensor networks., 2009,,.		0
215	One-way quantum secure direct communication based on single photons. , 2009, , .		0
216	Mutually Authenticated Quantum Key Distribution Based on Entanglement Swapping. , 2009, , .		4
217	Deterministic quantum cryptographic communication with entanglement state. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
218	Quantum key distribution in terms of the Greenberger-Horne-Zeilinger state: Multi-key generation. Laser Physics, 2010, 20, 1210-1214.	0.6	9
219	Participant attack on a kind of MQSS schemes based on entanglement swapping. European Physical Journal D, 2010, 56, 445-448.	0.6	55
220	A revised controlled deterministic secure quantum communication with five-photon entangled state. Optics Communications, 2010, 283, 344-347.	1.0	18
221	Improving the quantum secure direct communication by entangled qutrits and entanglement swapping against intercept-and-resend attack. Optics Communications, 2010, 283, 1566-1568.	1.0	12
222	Two quantum dialogue protocols without information leakage. Optics Communications, 2010, 283, 2288-2293.	1.0	90
223	Quantum communications with an anonymous receiver. Science China: Physics, Mechanics and Astronomy, 2010, 53, 2227-2231.	2.0	10
224	Controlled Quantum Secure Direct Communication withÂLocal Separate Measurements in Cavity QED. International Journal of Theoretical Physics, 2010, 49, 334-342.	0.5	12
225	Controlled Dense Coding with Five-Qubit Cluster State. International Journal of Theoretical Physics, 2010, 49, 1244-1250.	0.5	4
226	An Efficient Multiparty Quantum Secret Sharing Protocol Based onÂBell States in the High Dimension Hilbert Space. International Journal of Theoretical Physics, 2010, 49, 2852-2858.	0.5	12
227	Fault tolerant three-party quantum secret sharing against collective noise. Optics Communications, 2010, 283, 3099-3103.	1.0	57
228	New deterministic quantum communication via symmetric W state. Optics Communications, 2010, 283, 4397-4400.	1.0	20
229	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.	0.9	79
230	Cryptanalysis of multiparty controlled quantum secure direct communication using Greenberger–Horne–Zeilinger state. Optics Communications, 2010, 283, 192-195.	1.0	177
231	Quantum secure dialogue by using single photons. Optics Communications, 2010, 283, 1984-1986.	1.0	84
232	Information transmission with Einstein–Podolsky–Rosen pairs and imperfect Bell-state measurement. Optics Communications, 2010, 283, 3006-3010.	1.0	2
233	Secure quantum sealed-bid auction with post-confirmation. Optics Communications, 2010, 283, 3194-3197.	1.0	47
234	Generalized tripartite scheme for sharing arbitrary 2n-qudit state. Optics Communications, 2010, 283, 4108-4112.	1.0	9
235	Bidirectional quantum secure communication scheme based on Bell states and auxiliary particles. Optics Communications, 2010, 283, 5275-5278.	1.0	52

#	Article	IF	CITATIONS
236	Quantum Direct Communication. , 0, , .		0
237	Quantum Polarization Codes for Capacity-Achieving in Discrete Memoryless Quantum Channel. Applied Mechanics and Materials, 2010, 44-47, 2978-2982.	0.2	0
238	QUANTUM DIRECT COMMUNICATION BASED ON QUANTUM SEARCH ALGORITHM. International Journal of Quantum Information, 2010, 08, 443-450.	0.6	36
239	Robust Quantum Secure Direct Communication over Collective Rotating Channel. Communications in Theoretical Physics, 2010, 53, 645-647.	1.1	16
240	Quantum Secret Sharing Using GHZ-Like State. Communications in Theoretical Physics, 2010, 54, 1019-1022.	1.1	38
241	A Protocol for Bidirectional Quantum Secure Communication Based on Genuine Four-Particle Entangled States. Communications in Theoretical Physics, 2010, 54, 447-451.	1.1	18
242	QUANTUM STATE SPLITTING WITH YEOâ€"CHUA GENUINE ENTANGLED STATE. International Journal of Quantum Information, 2010, 08, 991-1000.	0.6	6
243	ONE-PARTY QUANTUM-ERROR-CORRECTING CODES FOR UNBALANCED ERRORS: PRINCIPLES AND APPLICATION TO QUANTUM DENSE CODING AND QUANTUM SECURE DIRECT COMMUNICATION. International Journal of Quantum Information, 2010, 08, 697-719.	0.6	17
244	QUANTUM SECURE DIRECT COMMUNICATION WITH ONLY SEPARATE MEASUREMENTS IN DRIVEN CAVITY QED. International Journal of Quantum Information, 2010, 08, 457-464.	0.6	0
245	Simplified Four-Qubit Cluster State for Splitting Arbitrary Single-Qubit Information. Communications in Theoretical Physics, 2010, 53, 49-53.	1.1	9
246	Three-party quantum secret sharing of secure direct communication based on χ-type entangled states. Chinese Physics B, 2010, 19, 050306.	0.7	21
247	Quantum Dialogue by Using Non-Symmetric Quantum Channel. Communications in Theoretical Physics, 2010, 53, 648-652.	1.1	14
248	Improving the security of secure deterministic communication scheme based on quantum remote state preparation. Chinese Physics B, 2010, 19, 020310.	0.7	3
249	Quantum Distributed Ballot Scheme Based on Greenberger–Home–Zeilinger State. Communications in Theoretical Physics, 2010, 54, 257-262.	1.1	1
250	Effect of mode–mode competition on atom–atom entanglement. Chinese Physics B, 2010, 19, 024209.	0.7	0
251	A "Ping-pong" Protocol with Authentication. , 2010, , .		1
252	Bidirectional Quantum Secure Communication Based on Cluster State., 2010,,.		1
253	LINEAR OPTICAL PROTOCOL FOR GENERATION OF W STATE WITHIN A NETWORK. International Journal of Quantum Information, 2010, 08, 1199-1206.	0.6	1

#	ARTICLE	IF	CITATIONS
254	A TWO-STEP CHANNEL-ENCRYPTING QUANTUM KEY DISTRIBUTION PROTOCOL. International Journal of Quantum Information, 2010, 08, 1013-1022.	0.6	13
255	Quantum key distribution by swapping the entanglement of χ-type state. Physica Scripta, 2010, 81, 065005.	1.2	19
256	Quantum broadcast communication with authentication. Chinese Physics B, 2010, 19, 070304.	0.7	8
257	Quantum Secure Direct Communication with Authentication Expansion Using Single Photons. Communications in Theoretical Physics, 2010, 54, 829-834.	1.1	20
258	A New Quantum Secure Direct Communication Scheme with Authentication. Chinese Physics Letters, 2010, 27, 050306.	1.3	35
259	Partially secret broadcasting, partially secret splitting with quantum entanglement. Chinese Physics B, 2010, 19, 010312-5.	0.7	2
260	Cryptanalysis and Improvement of Two GHZ-State-Based QSDC Protocols. Chinese Physics Letters, 2010, 27, 090307.	1.3	7
261	Quantum secure dialogue based on single photons and controlled-not operations. Journal of Modern Optics, 2010, 57, 2027-2030.	0.6	24
262	Mutually authenticated quantum direct communication based on entanglement swapping. , 2010, , .		3
263	Realization of quantum state privacy amplification in a nuclear magnetic resonance quantum system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 125502.	0.6	11
264	A quasi quantum secure direct communication protocol with authentication. , 2010, , .		1
265	Fair quantum blind signatures. Chinese Physics B, 2010, 19, 060307.	0.7	60
266	Faithful quantum secure direct communication protocol against collective noise. Chinese Physics B, 2010, 19, 110306.	0.7	24
267	Quantum Secure Direct Communication and Quantum Sealed-Bid Auction with EPR Pairs. Communications in Theoretical Physics, 2010, 54, 997-1002.	1.1	23
268	Network controlled teleportation of N-qubit state. Journal of Modern Optics, 2010, 57, 1619-1623.	0.6	6
269	A Scheme to Share Information via Employing Discrete Algorithm to Quantum States. Communications in Theoretical Physics, 2011, 55, 239-243.	1.1	3
270	High-Capacity Quantum Secure Direct Communication Based on Quantum Hyperdense Coding with Hyperentanglement. Chinese Physics Letters, 2011, 28, 040305.	1.3	94
271	A two-step quantum secure direct communication protocol with hyperentanglement. Chinese Physics B, 2011, 20, 100309.	0.7	106

#	Article	IF	CITATIONS
272	Entanglement purification and concentration of electron-spin entangled states using quantum-dot spins in optical microcavities. Physical Review A, 2011, 84, .	1.0	188
273	Quantum Secure Direct Communication Based on Secret Initial States of EPR Pairs., 2011,,.		5
274	Entanglement purification based on hybrid entangled state using quantum-dot and microcavity coupled system. Optics Express, 2011, 19, 25685.	1.7	42
275	Dense-Coding Attack on Three-Party Quantum Key Distribution Protocols. IEEE Journal of Quantum Electronics, 2011, 47, 630-635.	1.0	96
276	Single-Photon Multiparty Quantum Cryptographic Protocols With Collective Detection. IEEE Journal of Quantum Electronics, 2011, 47, 1383-1390.	1.0	30
277	Quantum algebra in mixed light pseudoscalar meson states. European Physical Journal C, 2011, 71, 1.	1.4	3
278	Comment on "Reply to Comment on†EfficientÂHigh-Capacity Quantum Secret Sharing withÂTwo-Photon Entanglement' ― International Journal of Theoretical Physics, 2011, 50, 308-313.	0.5	1
279	Quantum Secure Direct Communication by Using General Entangled States. International Journal of Theoretical Physics, 2011, 50, 325-331.	0.5	26
280	Improving the Security of Controlled Quantum Secure Direct Communication by Using Four Particle Cluster States Against an Attack with Fake Entangled Particles. International Journal of Theoretical Physics, 2011, 50, 395-400.	0.5	28
281	Quantum Secure Direct Communication by Swapping Entanglements ofÂ3×3-Dimensional Bell States. International Journal of Theoretical Physics, 2011, 50, 882-887.	0.5	29
282	High-capacity Deterministic Secure Four-qubit W State Protocol for Quantum Communication Based on Order Rearrangement of Particle Pairs. International Journal of Theoretical Physics, 2011, 50, 2403-2409.	0.5	18
283	Spin Squeezing of Superposition of Multi-Qubit GHZ State and W State. International Journal of Theoretical Physics, 2011, 50, 2520-2525.	0.5	7
284	A Ping-Pong Quantum Dialogue Scheme Using Genuine Four-Particle Entangled States. International Journal of Theoretical Physics, 2011, 50, 3089-3095.	0.5	18
285	Non-coherent attack on the ping-pong protocol with completely entangled pairs of qutrits. Quantum Information Processing, 2011, 10, 189-202.	1.0	35
286	Revisiting the security of secure direct communication based on ping-pong protocol [Quantum Inf. Process. 8, 347 (2009)]. Quantum Information Processing, 2011, 10, 317-323.	1.0	29
287	The atom-photon entanglement of a two-level system embedded in double-band photonic band edge. Optics Communications, 2011, 284, 2509-2514.	1.0	1
288	Quantum secret sharing protocol with four state Grover algorithm and its proof-of-principle experimental demonstration. Optics Communications, 2011, 284, 3639-3642.	1.0	44
289	Generation of Bell states via Lyapunov control on a two-qubit system with an anisotropic XY Heisenberg interaction. Science China: Physics, Mechanics and Astronomy, 2011, 54, 474-478.	2.0	1

#	Article	IF	Citations
290	Fault tolerant two-step quantum secure direct communication protocol against collective noises. Science China: Physics, Mechanics and Astronomy, 2011, 54, 496-501.	2.0	78
291	Multiparty-controlled teleportation of an arbitrary GHZ-class state by using a d-dimensional (N+2)-particle nonmaximally entangled state as the quantum channel. Science China: Physics, Mechanics and Astronomy, 2011, 54, 484-490.	2.0	31
292	Robust quantum secure direct communication with a quantum one-time pad over a collective-noise channel. Science China: Physics, Mechanics and Astronomy, 2011, 54, 942-947.	2.0	102
293	Improved quantum "Ping-pong―protocol based on GHZ state and classical XOR operation. Science China: Physics, Mechanics and Astronomy, 2011, 54, 1612-1618.	2.0	15
294	Quantum proxy signature scheme with public verifiability. Science China: Physics, Mechanics and Astronomy, 2011, 54, 1828-1832.	2.0	37
295	Controlled three-party communication using GHZ-like state and imperfect Bell-state measurement. Optics Communications, 2011, 284, 905-908.	1.0	42
296	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.	1.0	3
297	The enhancement of three-party simultaneous quantum secure direct communication scheme with EPR pairs. Optics Communications, 2011, 284, 515-518.	1.0	41
298	Quantum protocol for millionaire problem. Optics Communications, 2011, 284, 545-549.	1.0	75
299	Information leakage in three-party simultaneous quantum secure direct communication with EPR pairs. Optics Communications, 2011, 284, 1719-1720.	1.0	17
300	Secure four-site distribution and quantum communication of \ddot{l} ‡â $^{\circ}$ type entangled states. Optics Communications, 2011, 284, 2065-2069.	1.0	23
301	Upper bound on key generation rate of quantum key distribution with two-way or two-step quantum channels. Optics Communications, 2011, 284, 2254-2256.	1.0	5
302	An efficient protocol for the quantum private comparison of equality with W state. Optics Communications, 2011, 284, 3160-3163.	1.0	131
303	Cryptanalysis of the arbitrated quantum signature protocols. Physical Review A, $2011,84,.$	1.0	160
304	Deterministic secure quantum communication using Greenberger-Horne-Zeilinger GHZ $<$ inf $>$ 4 $<$ /inf $>$ state. , 2011, , .		0
305	IMPROVING THE CONTROL STRATEGY IN TWO-WAY DETERMINISTIC CRYPTOGRAPHIC PROTOCOLS. International Journal of Quantum Information, 2011, 09, 1209-1222.	0.6	3
306	MULTIPARTY CONTROLLED QUANTUM SECURE DIRECT COMMUNICATION WITH PHASE ENCRYPTION. International Journal of Quantum Information, 2011, 09, 801-807.	0.6	17
307	PROBABILISTIC BIDIRECTIONAL QUANTUM SECURE COMMUNICATION BASED ON A SHARED PARTIALLY ENTANGLED STATES. International Journal of Quantum Information, 2011, 09, 357-365.	0.6	8

#	Article	IF	Citations
308	Efficient quantum secret sharing scheme with two-particle entangled states. Chinese Physics B, 2011, 20, 040306.	0.7	12
309	DETERMINISTIC SECURE QUANTUM COMMUNICATION WITH FOUR-QUBIT W STATES. International Journal of Quantum Information, 2011, 09, 607-614.	0.6	10
310	Quantum Secure Direct Communication by Using Three-Dimensional Hyperentanglement. Communications in Theoretical Physics, 2011, 56, 831-836.	1.1	48
311	Improved Multipartite Quantum Secret Sharing Protocol Using Preshared Greenbergerâ€"Horneâ€"Zeilinger States. Communications in Theoretical Physics, 2011, 56, 1027-1030.	1.1	O
312	Two-Step Efficient Deterministic Secure Quantum Communication Using Three-Qubit W State. Communications in Theoretical Physics, 2011, 55, 984-988.	1.1	10
313	Multiparty Simultaneous Quantum Secure Direct Communication Based on GHZ States and Mutual Authentication. Lecture Notes in Computer Science, 2011, , 209-218.	1.0	0
314	Quantum Secret Sharing Based on Chinese Remainder Theorem. Communications in Theoretical Physics, 2011, 55, 573-578.	1.1	8
315	Quantum Secure Direct Communication with Five-Qubit Entangled State. Chinese Physics Letters, 2011, 28, 030302.	1.3	13
316	Fault-Tolerate Three-Party Quantum Secret Sharing over a Collective-Noise Channel. Chinese Physics Letters, 2011, 28, 020304.	1.3	12
317	A Novel Multiparty Quantum Secret Sharing Scheme of Secure Direct Communication Based on Bell States and Bell Measurements. Chinese Physics Letters, 2011, 28, 050303.	1.3	4
318	A covert communication protocol based on quantum dense coding. , 2011, , .		1
319	Network-topology-adaptive quantum conference protocols. Chinese Physics B, 2011, 20, 080306.	0.7	1
320	General description of discriminating quantum operations. Chinese Physics B, 2011, 20, 100304.	0.7	2
321	INFEASIBILITY OF QUANTUM CRYPTOGRAPHY WITHOUT EAVESDROPPING CHECK. International Journal of Modern Physics B, 2011, 25, 1061-1067.	1.0	1
322	Bidirectional Quantum Secure Direct Communication Network Protocol with Hyperentanglement. Communications in Theoretical Physics, 2011, 56, 659-663.	1.1	49
323	Cryptanalysis of Quantum Secure Direct Communication and Authentication Scheme via Bell States. Chinese Physics Letters, 2011, 28, 020303.	1.3	33
324	SEMIQUANTUM SECRET SHARING USING TWO-PARTICLE ENTANGLED STATE. International Journal of Quantum Information, 2012, 10, 1250050.	0.6	57
325	Joint remote preparation of an arbitrary <i>m</i> -qudit state with a pure entangled quantum channel via positive operator-valued measurement. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 215305.	0.7	37

#	Article	IF	Citations
326	CRYPTANALYSIS OF THE QSDC PROTOCOL WITHOUT USING PERFECT QUANTUM CHANNEL. International Journal of Quantum Information, 2012, 10, 1250054.	0.6	1
327	PROBABILISTIC MULTIPARTY-CONTROLLED REMOTE PREPARATION OF AN ARBITRARY m-QUDIT STATE VIA POSITIVE OPERATOR-VALUED MEASUREMENT. International Journal of Quantum Information, 2012, 10, 1250062.	0.6	14
328	Cryptanalysis and improvement of a quantum secret sharing scheme based on χ-type entangled states. Chinese Physics B, 2012, 21, 010307.	0.7	7
329	Efficient entanglement purification in quantum repeaters. Chinese Physics B, 2012, 21, 030307.	0.7	8
330	Multi-particle Entanglement Generation Using Quantum-Dot Spin and Optical Microcavity System. Chinese Physics Letters, 2012, 29, 070305.	1.3	3
331	Efficient hyperentangled Greenberger–Horne–Zeilinger states analysis with cross-Kerr nonlinearity. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 1029.	0.9	44
332	Single-photon-assisted entanglement concentration of partially entangled multiphoton W states with linear optics. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 1685.	0.9	51
333	Quantum Secure Direct Communication Protocol Based on Entangled State and Quantum State., 2012,		0
334	Efficient two-step entanglement concentration for arbitrary <mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>W</mml:mi></mml:math> states. Physical Review A, 2012, 85, .	1.0	182
335	A quantum secure direct communication protocol based on a five-particle cluster state and classical XOR operation. Chinese Physics C, 2012, 36, 31-36.	1.5	22
336	AN EFFICIENT QUANTUM SECRET SHARING SCHEME WITH DECOY STATES. International Journal of Modern Physics B, 2012, 26, 1250122.	1.0	5
337	THE CONCENTRATION PROTOCOL OF A TWO-PARTICLE NON-MAXIMALLY ENTANGLED STATE AMONG THREE CAVITIES. Modern Physics Letters B, 2012, 26, 1250158.	1.0	0
338	Entanglement concentration for an arbitrary hybrid less-entangled state and W state using quantum dots and a microcavity coupled system. Chinese Physics B, 2012, 21, 110305.	0.7	8
339	Single-qubit-assisted entanglement concentration of partially entangled multi-electron spin <i>W</i> states. Physica Scripta, 2012, 86, 045006.	1.2	7
340	Multipartite entanglement concentration of electron-spin states with CNOT gates. Chinese Physics B, 2012, 21, 090303.	0.7	11
341	QUANTUM SECURE DIRECT COMMUNICATION WITH QUANTUM IDENTIFICATION. International Journal of Quantum Information, 2012, 10, 1250008.	0.6	15
342	QUANTUM KEY EVOLUTION AND ITS APPLICATIONS. International Journal of Quantum Information, 2012, 10, 1250044.	0.6	3
343	Quantum Private Comparison Protocol Based on Bell Entangled States. Communications in Theoretical Physics, 2012, 57, 583-588.	1.1	89

#	Article	IF	CITATIONS
344	A Quantum Network System of QSS-QDC Using χ-Type Entangled States. Chinese Physics Letters, 2012, 29, 050303.	1.3	12
345	Fault tolerant quantum secure direct communication with quantum encryption against collective noise. Chinese Physics B, 2012, 21, 100308.	0.7	60
346	The switching strategy and simulation of quantum entanglement signalling. , 2012, , .		0
347	Quantum Secret Sharing Based on Quantum Search Algorithm. International Journal of Theoretical Physics, 2012, 51, 3101-3108.	0.5	20
348	Efficient Multiparty Quantum Secret Sharing of Secure Direct Communication Based on Bell States and Continuous Variable Operations. International Journal of Theoretical Physics, 2012, 51, 3443-3451.	0.5	11
349	High-Capacity Three-Party Quantum Secret Sharing With Hyperentanglement. International Journal of Theoretical Physics, 2012, 51, 3559-3566.	0.5	19
350	Quantum Private Comparison Based on GHZ Entangled States. International Journal of Theoretical Physics, 2012, 51, 3596-3604.	0.5	67
351	Comment on "Quantum Secure Direct Communication with Authentication Expansion Using Single Photons― International Journal of Theoretical Physics, 2012, 51, 3681-3687.	0.5	6
352	Improved QSDC Protocol over a Collective-Dephasing Noise Channel. International Journal of Theoretical Physics, 2012, 51, 3941-3950.	0.5	57
353	Multiple independent quantum states sharing under collaboration of agents in quantum networks. Quantum Information Processing, 2012, 11, 1829-1844.	1.0	8
354	Quantum Steganography via Greenberger-Horne-Zeilinger GHZ ₄ State. Communications in Theoretical Physics, 2012, 57, 577-582.	1.1	13
355	Quantum key distribution with Einstein–Podolsky–Rosen pairs associated with weak cross-Kerr nonlinearities. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 2869.	0.9	9
356	Quantum repeater based on spatial entanglement of photons and quantum-dot spins in optical microcavities. Physical Review A, 2012, 85, .	1.0	181
357	Information leak in Liu et al.'s quantum private comparison and a new protocol. European Physical Journal D, 2012, 66, 1.	0.6	24
358	Deterministic secure quantum communication with mutual authentication based on bell measurement. , 2012, , .		0
359	Enhanced multiparty quantum secret sharing of classical messages by using entanglement swapping. IET Information Security, 2012, 6, 84.	1.1	16
360	Multi-user quantum network system and quantum communication using χ-type entangled states. Journal of the Korean Physical Society, 2012, 61, 1-5.	0.3	12
361	An efficient scheme for multi-party quantum state sharing via non-maximally entangled states. Science Bulletin, 2012, 57, 1089-1094.	1.7	12

#	Article	IF	Citations
362	Secure quantum report with authentication based on six-particle cluster state and entanglement swapping. Science China Information Sciences, 2012, 55, 2881-2887.	2.7	4
363	Probabilistic multiparty-controlled teleportation of an arbitrary m-qubit state with a pure entangled quantum channel against collective noise. Science China: Physics, Mechanics and Astronomy, 2012, 55, 2445-2451.	2.0	10
364	A novel and efficient multiparty quantum secret sharing scheme using entangled states. Science China: Physics, Mechanics and Astronomy, 2012, 55, 1828-1831.	2.0	34
365	Public-key encryption and authentication of quantum information. Science China: Physics, Mechanics and Astronomy, 2012, 55, 1618-1629.	2.0	23
366	Recent development in quantum communication. Science Bulletin, 2012, 57, 4694-4700.	1.7	31
367	Improved eavesdropping detection strategy based on four-particle cluster state in quantum direct communication protocol. Science Bulletin, 2012, 57, 4434-4441.	1.7	21
368	Quantum Private Comparison Using Genuine Four-Particle Entangled States. International Journal of Theoretical Physics, 2012, 51, 1187-1194.	0.5	56
369	Quantum Secure Direct Communication with Two-Photon Four-Qubit Cluster States. International Journal of Theoretical Physics, 2012, 51, 1946-1952.	0.5	80
370	New Quantum Private Comparison Protocol Using χ-Type State. International Journal of Theoretical Physics, 2012, 51, 1953-1960.	0.5	74
371	Superdense Coding with Multi-particle GHZ State via Local Measurement. International Journal of Theoretical Physics, 2012, 51, 1970-1977.	0.5	1
372	Quantum Watermarking Using Entanglement Swapping. International Journal of Theoretical Physics, 2012, 51, 2094-2100.	0.5	26
373	Quantum Secret Sharing Using Symmetric W State. International Journal of Theoretical Physics, 2012, 51, 2291-2306.	0.5	39
374	Multiparty Joint Remote Preparation of an Arbitrary GHZ-Class State via Positive Operator-Valued Measurement. International Journal of Theoretical Physics, 2012, 51, 2438-2446.	0.5	23
375	Controlled Deterministic Secure Quantum Communication Based on Quantum Search Algorithm. International Journal of Theoretical Physics, 2012, 51, 2447-2454.	0.5	17
376	Quantum Secret Sharing of Secure Direct Communication Using One-Time Pad. International Journal of Theoretical Physics, 2012, 51, 2727-2736.	0.5	16
377	Improved Eavesdropping Detection Strategy in Quantum Direct Communication Protocol Based on Five-Particle Cluster State. International Journal of Theoretical Physics, 2012, 51, 2759-2770.	0.5	1
378	Deterministic Secure Quantum Communication with Collective Detection Using Single Photons. International Journal of Theoretical Physics, 2012, 51, 2787-2797.	0.5	20
379	High-Capacity Quantum Secure Direct Communication with Single Photons in Both Polarization and Spatial-Mode Degrees of Freedom. International Journal of Theoretical Physics, 2012, 51, 2923-2929.	0.5	86

#	Article	IF	CITATIONS
380	Multi-photon Entanglement Concentration Protocol for Partially Entangled W States with Projection Measurement. International Journal of Theoretical Physics, 2012, 51, 2966-2973.	0.5	21
381	New quantum private comparison protocol using EPR pairs. Quantum Information Processing, 2012, 11, 373-384.	1.0	184
382	Deterministic secure quantum communication without unitary operation based on high-dimensional entanglement swapping. Science China Information Sciences, 2012, 55, 360-367.	2.7	20
383	A Protocol for the Quantum Private Comparison of Equality with χ-Type State. International Journal of Theoretical Physics, 2012, 51, 69-77.	0.5	109
384	Improved Quantum "Ping-Pong―Protocol Based on Five-Qubit GHZ State and Classical CNOT Operation. International Journal of Theoretical Physics, 2012, 51, 292-302.	0.5	0
385	Efficient nonlocal entangled state distribution over the collective-noise channel. Quantum Information Processing, 2013, 12, 3553-3568.	1.0	8
386	Shared quantum control via sharing operation on remote single qutrit. Quantum Information Processing, 2013, 12, 3527-3542.	1.0	19
387	Improvements on "multiparty quantum key agreement with single particles― Quantum Information Processing, 2013, 12, 3411-3420.	1.0	91
388	Efficient bidirectional quantum secure communication with two-photon entanglement. Quantum Information Processing, 2013, 12, 3093-3102.	1.0	20
389	Reexamination of arbitrated quantum signature: the impossible and the possible. Quantum Information Processing, 2013, 12, 3127-3141.	1.0	30
390	Improving the security of arbitrated quantum signature against the forgery attack. Quantum Information Processing, 2013, 12, 2655-2669.	1.0	82
391	Three-particle deterministic secure and high bit-rate direct quantum communication protocol. Quantum Information Processing, 2013, 12, 2441-2451.	1.0	8
392	Quantum operation sharing with symmetric and asymmetric W states. Quantum Information Processing, 2013, 12, 2453-2464.	1.0	38
393	An entanglement concentration protocol for cluster states. Quantum Information Processing, 2013, 12, 2577-2585.	1.0	30
394	A quantum secure direct communication protocol using entangled modified spin coherent states. Quantum Information Processing, 2013, 12, 2603-2621.	1.0	14
395	Efficient entanglement concentration for electron-spin W state with the charge detection. Quantum Information Processing, 2013, 12, 2087-2101.	1.0	40
396	A quantum protocol for millionaire problem with Bell states. Quantum Information Processing, 2013, 12, 2241-2249.	1.0	29
397	Efficient entanglement concentration for quantum dot and optical microcavities systems. Quantum Information Processing, 2013, 12, 1885-1895.	1.0	56

#	Article	IF	CITATIONS
398	Cryptanalysis and improvement of the quantum private comparison protocol with semi-honest third party. Quantum Information Processing, 2013, 12, 1981-1990.	1.0	70
399	Multiparty quantum key agreement with single particles. Quantum Information Processing, 2013, 12, 1797-1805.	1.0	137
400	Three-Party Quantum Key Agreement with Two-Photon Entanglement. International Journal of Theoretical Physics, 2013, 52, 3915-3921.	0.5	48
401	The Cryptanalysis of Yuan et al.'s Multiparty Quantum Secret Sharing Protocol. International Journal of Theoretical Physics, 2013, 52, 3953-3959.	0.5	7
402	A Three-Qubit State Entanglement Concentration Protocol Assisted by Two-Qubit Systems. International Journal of Theoretical Physics, 2013, 52, 3965-3969.	0.5	10
403	Complete Deterministic Analyzer for Multi-Electron Greenberger–Horne–Zeilinger States Assisted by Double-Side Optical Microcavities. International Journal of Theoretical Physics, 2013, 52, 4045-4054.	0.5	6
404	Fault-Tolerate Quantum Private Comparison Based on GHZ States and ECC. International Journal of Theoretical Physics, 2013, 52, 2818-2825.	0.5	29
405	A Cooperative Quantum Anonymous Transmission with Hybrid Entanglement Swapping. International Journal of Theoretical Physics, 2013, 52, 3141-3149.	0.5	2
406	Cryptanalysis of the Quantum Group Signature Protocols. International Journal of Theoretical Physics, 2013, 52, 4163-4173.	0.5	12
407	Cryptanalysis of a multi-user quantum network system and quantum communication using χ-type entangled states. Journal of the Korean Physical Society, 2013, 62, 1093-1096.	0.3	1
408	A blind quantum signature protocol using the GHZ states. Science China: Physics, Mechanics and Astronomy, 2013, 56, 1636-1641.	2.0	35
409	The security analysis of a threshold proxy quantum signature scheme. Science China: Physics, Mechanics and Astronomy, 2013, 56, 519-523.	2.0	3
410	Teleportation of a two-qubit arbitrary unknown state using a four-qubit genuine entangled state with the combination of bell-state measurements. Journal of Experimental and Theoretical Physics, 2013, 116, 15-19.	0.2	6
411	Atomic entanglement purification and concentration using coherent state input-output process in low-Q cavity QED regime. Optics Express, 2013, 21, 4093.	1.7	77
412	Security analysis of the "Ping–Pong―quantum communication protocol in the presence of collective-rotation noise. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 2729-2734.	0.9	7
413	Research on the model of quantum satellite communications based on the distribution of entangled three-photon pairs and simulation. , 2013, , .		0
414	Hyperentanglement purification and concentration assisted by diamond NV centers inside photonic crystal cavities. Laser Physics Letters, 2013, 10, 115201.	0.6	110
415	Multiparty controlled quantum secure direct communication based on quantum search algorithm. Quantum Information Processing, 2013, 12, 3791-3805.	1.0	16

#	Article	IF	Citations
416	Robust Quantum Secure Communication with Spatial Quantum States of Single Photons. International Journal of Theoretical Physics, 2013, 52, 4461-4469.	0.5	45
417	Multipartite entanglement concentration for nitrogen-vacancy center and microtoroidal resonator system. Science Bulletin, 2013, 58, 3507-3513.	1.7	46
418	Deterministic quantum communication using the symmetric W state. Science China: Physics, Mechanics and Astronomy, 2013, 56, 1903-1908.	2.0	17
419	Novel Quantum Virtual Private Network Scheme for PON via Quantum Secure Direct Communication. International Journal of Theoretical Physics, 2013, 52, 3260-3268.	0.5	20
420	High-Capacity Quantum Secret Sharing with Hyperdense Coding Assisted by Hyperentangled Photon Pairs. International Journal of Theoretical Physics, 2013, 52, 2245-2254.	0.5	8
421	Quantum Secure Direct Communication with Authentication Using Two Nonorthogonal States. International Journal of Theoretical Physics, 2013, 52, 1937-1945.	0.5	19
422	Improved Protocols of Secure Quantum Communication Using W States. International Journal of Theoretical Physics, 2013, 52, 1914-1924.	0.5	17
423	Quantum Dialogue with Authentication Based on Bell States. International Journal of Theoretical Physics, 2013, 52, 1825-1835.	0.5	32
424	Photonic spatial Bell-state analysis for robust quantum secure direct communication using quantum dot-cavity systems. European Physical Journal D, 2013, 67, 1.	0.6	70
425	Complete entanglement analysis on electron spins using quantum dot and microcavity coupled system. Science China: Physics, Mechanics and Astronomy, 2013, 56, 2054-2058.	2.0	21
426	A Novel Quantum Covert Channel Protocol Based on Any Quantum Secure Direct Communication Scheme. Communications in Theoretical Physics, 2013, 59, 547-553.	1.1	8
427	Polarization-Entanglement Purification for Ideal Sources Using Weak Cross-Kerr Nonlinearity. International Journal of Theoretical Physics, 2013, 52, 1265-1273.	0.5	6
428	Assisted Cloning and Orthogonal Complementing of an Arbitrary Unknown Two-Qubit State with I‡-Type Entangled States. International Journal of Theoretical Physics, 2013, 52, 1282-1288.	0.5	2
429	Cryptanalysis and Improvement of a Multi-User Quantum Communication Network Using χ-Type Entangled States. International Journal of Theoretical Physics, 2013, 52, 1354-1361.	0.5	15
430	An efficient controlled bidirectional quantum secure direct communication by using only EPR pairs. , 2013, , .		2
431	Optimal atomic entanglement concentration using coherent-state input–output process in low-Q cavity quantum electrodynamics system. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2136.	0.9	6
432	Quantum Secure Direct Communication Based on Four-Qubit Cluster States. International Journal of Theoretical Physics, 2013, 52, 22-27.	0.5	73
433	Improved Secure Multiparty Computation with a Dishonest Majority via Quantum Means. International Journal of Theoretical Physics, 2013, 52, 199-205.	0.5	9

#	Article	IF	CITATIONS
434	Quantum Private Comparison Protocol Based on Cluster States. International Journal of Theoretical Physics, 2013, 52, 212-218.	0.5	76
435	Quantum Authenticated Direct Communication Using Bell States. International Journal of Theoretical Physics, 2013, 52, 336-344.	0.5	5
436	A Quantum Protocol for (t,n)-Threshold Identity Authentication Based on Greenberger-Horne-Zeilinger States. International Journal of Theoretical Physics, 2013, 52, 524-530.	0.5	22
437	Improving security of the ping-pong protocol. Quantum Information Processing, 2013, 12, 149-155.	1.0	16
438	The loophole of the improved secure quantum sealed-bid auction with post-confirmation and solution. Quantum Information Processing, 2013, 12, 295-302.	1.0	20
439	Quantum private comparison protocol with d-dimensional Bell states. Quantum Information Processing, 2013, 12, 559-568.	1.0	61
440	Multipartite electronic entanglement purification using quantum-dot spin and microcavity system. Quantum Information Processing, 2013, 12, 525-536.	1.0	11
441	Quantum secure direct communication with optimal quantum superdense coding by using general four-qubit states. Quantum Information Processing, 2013, 12, 587-599.	1.0	34
442	Is quantum key distribution suitable for steganography?. Quantum Information Processing, 2013, 12, 625-630.	1.0	6
443	Comment on quantum private comparison protocols with a semi-honest third party. Quantum Information Processing, 2013, 12, 877-885.	1.0	104
444	Multi-user private comparison protocol using GHZ class states. Quantum Information Processing, 2013, 12, 1077-1088.	1.0	104
445	Threshold quantum secret sharing between multiparty and multiparty using Greenberger–Horne–Zeilinger state. Quantum Information Processing, 2013, 12, 1299-1306.	1.0	37
446	Efficient entanglement concentration for arbitrary less-entangled NOON states. Quantum Information Processing, 2013, 12, 1307-1320.	1.0	39
447	Analytic expressions of quantum correlations in qutrit Werner states. Quantum Information Processing, 2013, 12, 2355-2369.	1.0	20
448	Optimizing scheme for probabilistic remote preparation of a two-qubit state. Journal of China Universities of Posts and Telecommunications, 2013, 20, 109-116.	0.8	1
449	Entanglement concentration for multi-particle partially entangled W state using nitrogen vacancy center and microtoroidal resonator system. Optics Communications, 2013, 298-299, 260-266.	1.0	18
451	Efficient scheme for three-photon Greenberger–Horne–Zeilinger state generation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1088-1094.	0.9	14
452	Deterministic single-qubit operation sharing with five-qubit cluster state. Quantum Information Processing, 2013, 12, 2497-2507.	1.0	36

#	Article	IF	Citations
453	Quantum private comparison against decoherence noise. Quantum Information Processing, 2013, 12, 2191-2205.	1.0	40
454	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.	1.1	12
455	Quantum private comparison protocol based on entanglement swapping of \$\$d\$\$ -level Bell states. Quantum Information Processing, 2013, 12, 2793-2802.	1.0	39
456	Quantum secure direct communication network. , 2013, , .		6
457	Logic-qubit controlled-NOT gate of decoherence-free subspace with nonlinear quantum optics. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1872.	0.9	15
458	Probabilistic Multiparty Joint Remote Preparation of an Arbitrary m-Qubit State with a Pure Entangled Channel Against Collective Noise. International Journal of Theoretical Physics, 2013, 52, 849-861.	0.5	12
459	High-Capacity Three-Party Quantum Secret Sharing with Single Photons in Both the Polarization and the Spatial-Mode Degrees of Freedom. International Journal of Theoretical Physics, 2013, 52, 1043-1051.	0.5	26
460	Quantum Private Comparison Based on Quantum Search Algorithm. International Journal of Theoretical Physics, 2013, 52, 1466-1473.	0.5	23
461	Quantum secure direct communication and authentication protocol with single photons. Science Bulletin, 2013, 58, 4571-4576.	1.7	65
462	Hybrid entanglement purification for quantum repeaters. Physical Review A, 2013, 88, .	1.0	106
463	In quantum direct communication an undetectable eavesdropper can always tell \hat{l} from \hat{l} Bell states in the message mode. Physical Review A, 2013, 87, .	1.0	14
464	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.	0.9	12
465	Efficient W-state entanglement concentration using quantum-dot and optical microcavities. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 678.	0.9	48
466	Physical optimization of quantum error correction circuits with spatially separated quantum dot spins. Optics Express, 2013, 21, 12484.	1.7	13
467	Complete and deterministic analysis for spatial-polarization hyperentangled Greenberger–Horne–Zeilinger states with quantum-dot cavity systems. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2263.	0.9	12
468	Efficient entanglement concentration for arbitrary single-photon multimode W state. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 71.	0.9	40
469	Quantum Secure Direct Communication. , 2013, , .		5
470	Distilling single-photon entanglement from photon loss and decoherence. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2737.	0.9	15

#	Article	IF	Citations
471	Quantum Entanglement Concentration Based on Nonlinear Optics for Quantum Communications. Entropy, 2013, 15, 1776-1820.	1.1	68
472	SPIN SQUEEZING DYNAMICS IN TWO-COMPONENT BOSE–EINSTEIN CONDENSATES. International Journal of Quantum Information, 2013, 11, 1350016.	0.6	7
473	Entanglement classification of $2\tilde{A}-2\tilde{A}-2\tilde{A}-dquantum$ systems via the ranks of the multiple coefficient matrices. Physical Review A, 2013, 87, .	1.0	17
474	LARGE PAYLOAD BIDIRECTIONAL QUANTUM SECURE DIRECT COMMUNICATION WITHOUT INFORMATION LEAKAGE. International Journal of Quantum Information, 2013, 11, 1350051.	0.6	29
475	Counterfactual Quantum Deterministic Key Distribution. Communications in Theoretical Physics, 2013, 59, 27-31.	1.1	2
476	Deterministic Three-Copy Entanglement Concentration of Photons through Direct Sum Extension and Auxiliary Degrees of Freedom. Chinese Physics Letters, 2013, 30, 070302.	1.3	1
477	Efficient electronic entanglement concentration assisted by single mobile electrons. Chinese Physics B, 2013, 22, 110303.	0.7	5
478	A Novel Deterministic Secure Quantum Communication Scheme with Einsteinâ€"Podolskyâ€"Rosen Pairs and Single Photons. Communications in Theoretical Physics, 2013, 60, 397-404.	1.1	7
479	Quantum Correlations in a Family of Two-Qubit Separable States. Communications in Theoretical Physics, 2013, 60, 283-288.	1.1	6
480	Complete Bell-state analysis for a single-photon hybrid entangled state. Chinese Physics B, 2013, 22, 030314.	0.7	10
481	Quantum Message Distribution. Communications in Theoretical Physics, 2013, 59, 37-42.	1.1	0
482	Deterministic multicopy entanglement concentration. Europhysics Letters, 2013, 104, 10005.	0.7	5
483	Quantum private comparison with <i>d</i> -level single-particle states. Physica Scripta, 2013, 88, 065013.	1.2	17
484	A NEW DETECTION STRATEGY FOR TWO-STEP QSDC PROTOCOL BASED ON THE FIVE-PARTICLE CLUSTER STATE. International Journal of Quantum Information, 2013, 11, 1350066.	0.6	0
485	A Bidirectional Quantum Secure Direct Communication Protocol Based on Five-Particle Cluster State. Chinese Physics Letters, 2013, 30, 090301.	1.3	13
486	Optimal entanglement concentration for three-photon W states with parity check measurement. Chinese Physics B, 2013, 22, 020307.	0.7	17
487	Quantum steganography with a large payload based on dense coding and entanglement swapping of Greenbergerâ€"Horneâ€"Zeilinger states. Chinese Physics B, 2013, 22, 050309.	0.7	12
488	Quantum Private Comparison: A Review. IETE Technical Review (Institution of Electronics and) Tj ETQq $1\ 1\ 0.784$	314.rgBT /	Overlock 101

#	Article	IF	CITATIONS
489	An efficient quantum secure dialogue scheme without information leakage by using single photons. , 2013, , .		0
490	Improvement of Controlled Bidirectional Quantum Direct Communication Using a GHZ State. Chinese Physics Letters, 2013, 30, 040305.	1.3	83
491	A Large-alphabet Quantum Key Distribution Protocol Using Orbital Angular Momentum Entanglement. Chinese Physics Letters, 2013, 30, 060305.	1.3	14
492	A Multiparty Controlled Bidirectional Quantum Secure Direct Communication and Authentication Protocol Based on EPR Pairs. Chinese Physics Letters, 2013, 30, 060301.	1.3	10
493	Remotely Sharing a Single-Qubit Operation with a Five-Qubit Genuine State. Chinese Physics Letters, 2013, 30, 020301.	1.3	42
494	Quantum Discord in any Mixture of Two Bi-Qubit Arbitrary Product States. Communications in Theoretical Physics, 2013, 60, 667-672.	1.1	2
495	Controlled Bidirectional Quantum Secure Direct Communication. Scientific World Journal, The, 2014, 2014, 1-13.	0.8	9
496	Improvement on "an efficient protocol for the quantum private comparison of equality with W state". International Journal of Quantum Information, 2014, 12, 1450001.	0.6	11
497	Quantum dialogue without information leakage based on the entanglement swapping between any two Bell states and the shared secret Bell state. Physica Scripta, 2014, 89, 015103.	1.2	38
498	Information leakage in quantum dialogue by using the two-qutrit entangled states. Modern Physics Letters B, 2014, 28, 1450094.	1.0	11
499	A new controlled quantum secure direct communication protocol based on a four-qubit cluster state. Modern Physics Letters B, 2014, 28, 1450194.	1.0	9
500	Quantum broadcast communication and authentication protocol with a quantum one-time pad. Chinese Physics B, 2014, 23, 010305.	0.7	6
501	Attacks and Improvement of Quantum Sealed-Bid Auction with EPR Pairs. Communications in Theoretical Physics, 2014, 61, 686-690.	1.1	34
502	Quantum secure direct communication network with hyperentanglement. Chinese Physics B, 2014, 23, 090309.	0.7	16
503	Consequent entanglement concentration of a less-entangled electronic cluster state with controlled-not gates. Chinese Physics B, 2014, 23, 050308.	0.7	10
504	Electronic cluster state entanglement concentration based on charge detection. Chinese Physics B, 2014, 23, 020313.	0.7	5
505	Arbitrated quantum signature scheme based on reusable key. Science China: Physics, Mechanics and Astronomy, 2014, 57, 2079-2085.	2.0	11
506	Deterministic tripartite sharing of eight restricted sets of single-qubit operations with two Bell states or a GHZ state. International Journal of Quantum Information, 2014, 12, 1450012.	0.6	10

#	Article	IF	CITATIONS
507	Quantum Satellite Telecontrol System. Advanced Materials Research, 2014, 898, 663-667.	0.3	0
508	Controlled Quantum Secure Direct Communication Protocol Based on Five-Particle Cluster State and EPR Pair Entanglement Swapping. , 2014, , .		0
509	Controlled Quantum Secure Direct Communication Protocol Based on Extended Three-Particle GHZ State Decoy. , $2014, \ldots$		0
510	Modified method of security amplification for quantum direct communication protocols. , 2014, , .		3
511	Hyperentanglement concentration for n-photon 2n-qubit systems with linear optics. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 67.	0.9	7
512	General hyperentanglement concentration for photon systems assisted by quantum-dot spins inside optical microcavities. Optics Express, 2014, 22, 6547.	1.7	96
513	An efficient novel online shopping mechanism based on quantum communication. Electronic Commerce Research, 2014, 14, 349-367.	3.0	9
514	Two-step orthogonal-state-based protocol of quantum secure direct communication with the help of order-rearrangement technique. Quantum Information Processing, 2014, 13, 2731-2743.	1.0	49
515	Quantum Secure Dialogue with Quantum Encryption. Communications in Theoretical Physics, 2014, 62, 338-342.	1.1	26
516	Quantum anonymous ranking. Physical Review A, 2014, 89, .	1.0	46
517	Information leakage resistant quantum dialogue against collective noise. Science China: Physics, Mechanics and Astronomy, 2014, 57, 2266-2275.	2.0	30
518	Multi-party Quantum Secure Direct Communication. , 2014, , .		2
519	Arbitrary Partially Entangled Three-Electron $\langle i \rangle W \langle j \rangle$ State Concentration with Controlled-Not Gates. Chinese Physics Letters, 2014, 31, 050303.	1.3	9
520	Cryptanalysis and Improvement of Quantum Private Comparison Protocol Based on Bell Entangled States. Communications in Theoretical Physics, 2014, 62, 210-214.	1.1	24
521	Entanglement distillation for quantum communication network with atomic-ensemble memories. Optics Express, 2014, 22, 23897.	1.7	27
522	High Efficient Multi-party Quantum Secret Sharing Scheme. , 2014, , .		0
523	Efficient single-photon entanglement concentration for quantum communications. Optics Communications, 2014, 313, 217-222.	1.0	15
524	Efficient and feasible quantum private comparison of equality against the collective amplitude damping noise. Quantum Information Processing, 2014, 13, 101-112.	1.0	49

#	Article	IF	Citations
525	Same Initial States Attack in Yang et al.'s Quantum Private Comparison Protocol and the Improvement. International Journal of Theoretical Physics, 2014, 53, 271-276.	0.5	22
526	Single Sign-On Under Quantum Cryptography. International Journal of Theoretical Physics, 2014, 53, 188-193.	0.5	5
527	Measure-and-Resend Attack and Improvement on "A Scheme to Share Information via Employing Discrete Algorithm to Quantum States― International Journal of Theoretical Physics, 2014, 53, 224-227.	0.5	3
528	An Efficient Protocol for the Private Comparison of Equal Information Based on Four-Particle Entangled W State and Bell Entangled States Swapping. International Journal of Theoretical Physics, 2014, 53, 2167-2176.	0.5	46
529	Efficient Joint Remote Preparation of an Arbitrary m-qudit State with Partially Entangled States. International Journal of Theoretical Physics, 2014, 53, 159-168.	0.5	6
530	Efficient Entanglement Concentration for Arbitrary Less-Entangled N-Atom GHZ State. International Journal of Theoretical Physics, 2014, 53, 1752-1766.	0.5	6
531	Quantum Private Comparison Protocol with W States. International Journal of Theoretical Physics, 2014, 53, 1723-1729.	0.5	40
532	Cryptanalysis and Improvement of the Controlled Quantum Secure Direct Communication by Using Four Particle Cluster States. International Journal of Theoretical Physics, 2014, 53, 1495-1501.	0.5	15
533	Effective scheme for generation of \$\$N\$\$ N -dimension atomic Greenberger–Horne–Zeilinger states. Quantum Information Processing, 2014, 13, 1255-1265.	1.0	2
534	Entanglement Concentration of Partially Entangled Multi-electron Spin W States with CNOT Gates. International Journal of Theoretical Physics, 2014, 53, 1337-1345.	0.5	10
535	A Non-entanglement Quantum Single Sign-On Solution. International Journal of Theoretical Physics, 2014, 53, 1143-1149.	0.5	0
536	Quantum direct secret sharing with efficient eavesdropping-check and authentication based on distributed fountain codes. Quantum Information Processing, 2014, 13, 895-907.	1.0	14
537	Quantum authencryption: one-step authenticated quantum secure direct communications for off-line communicants. Quantum Information Processing, 2014, 13, 925-933.	1.0	27
538	Atomic entanglement purification using photonic Faraday rotation. Quantum Information Processing, 2014, 13, 881-893.	1.0	6
539	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.	1.1	7
540	Quantum Secure Communication Network Protocol with Entangled Photons for Mobile Communications. Mobile Networks and Applications, 2014, 19, 121-130.	2.2	9
541	Classical-Operation-Based Deterministic Secure Quantum Communication. International Journal of Theoretical Physics, 2014, 53, 2118-2129.	0.5	8
542	A Quantum Secure Direct Communication Protocol Without Quantum Memories. International Journal of Theoretical Physics, 2014, 53, 2216-2221.	0.5	12

#	Article	IF	Citations
543	Quantum key agreement with EPR pairs and single-particle measurements. Quantum Information Processing, 2014, 13, 649-663.	1.0	78
544	Bidirectional Quantum Secure Communication Based on One-Dimensional Four-Particle Cluster States. International Journal of Theoretical Physics, 2014, 53, 2282-2287.	0.5	4
545	Complete state analysis for four-qubit systems with optical property of quantum dots inside one-side optical microcavities. Quantum Information Processing, 2014, 13, 355-369.	1.0	3
546	Quantum Key Agreement Against Collective Decoherence. International Journal of Theoretical Physics, 2014, 53, 2891-2901.	0.5	37
547	Quantum private comparison of equality protocol without a third party. Quantum Information Processing, 2014, 13, 239-247.	1.0	34
548	Distinguishing Quantum States with Holevo Bound and Its Application to Spatially Separated Bell States. International Journal of Theoretical Physics, 2014, 53, 1040-1045.	0.5	2
549	Detection of nonlocal atomic entanglement assisted by single photons. Physical Review A, 2014, 90, .	1.0	60
550	Control power in perfect controlled teleportation via partially entangled channels. Physical Review A, 2014, 90, .	1.0	52
551	Two-step hyperentanglement purification with the quantum-state-joining method. Physical Review A, 2014, 90, .	1.0	143
552	Nondestructive photonic polarization Greenberger–Horne–Zeilinger states analyzer assisted by quantum-dot cavity systems. Quantum Information Processing, 2014, 13, 2719-2729.	1.0	1
553	Security of the arbitrated quantum signature protocols revisited. Physica Scripta, 2014, 89, 015102.	1.2	17
554	Deterministic polarization entanglement purification using time-bin entanglement. Laser Physics Letters, 2014, 11, 085203.	0.6	80
555	Complete hyperentangled state analysis and generation of multi-particle entanglement based on charge detection. Chinese Physics B, 2014, 23, 050306.	0.7	4
556	Deterministic secure quantum communication and authentication protocol based on three-particle W state and quantum one-time pad. Science Bulletin, 2014, 59, 2835-2840.	1.7	25
557	Controlled quantum secure direct communication and authentication protocol based on five-particle cluster state and quantum one-time pad. Science Bulletin, 2014, 59, 2541-2546.	1.7	72
558	Using Symmetry Dicke State as Security Detection Particle in Quantum & amp; #x0022; Ping-Pong& amp; #x0022; Protocol. , 2014, , .		0
559	Hyperconcentration for multipartite entanglement via linear optics. Laser Physics Letters, 2014, 11, 125201.	0.6	41
560	Novel multiparty quantum key agreement protocol with GHZ states. Quantum Information Processing, 2014, 13, 2587-2594.	1.0	118

#	Article	IF	CITATIONS
561	Entanglement concentration for W-type entangled coherent states. Chinese Physics B, 2014, 23, 080305.	0.7	16
562	Multi-party quantum private comparison protocol based on \$\$d\$\$ d -dimensional entangled states. Quantum Information Processing, 2014, 13, 2343-2352.	1.0	52
563	Three-step semiquantum secure direct communication protocol. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1696-1702.	2.0	138
564	Nondestructive discrimination of Greenberger-Horne-Zeilinger-basis states via two-qubit parity detection. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1848-1853.	2.0	1
565	Improvement of a controlled quantum secure direct communication protocol. Modern Physics Letters B, 2014, 28, 1450121.	1.0	4
566	High-Capacity Quantum Summation with Single Photons in Both Polarization and Spatial-Mode Degrees of Freedom. International Journal of Theoretical Physics, 2014, 53, 933-941.	0.5	46
567	Scheme for Deterministic Secure Quantum Communication with Three-qubit GHZ State. International Journal of Theoretical Physics, 2014, 53, 2558-2564.	0.5	10
568	Faithful One-way Trip Deterministic Secure Quantum Communication Scheme Against Collective Rotating Noise Based on Order Rearrangement of Photon Pairs. International Journal of Theoretical Physics, 2014, 53, 2565-2570.	0.5	6
569	A Non-Entanglement Quantum Single Sign-On Protocol. International Journal of Theoretical Physics, 2014, 53, 2587-2592.	0.5	1
570	Linear-Optics-Based Entanglement Concentration of Four-Photon χ-type States for Quantum Communication Network. International Journal of Theoretical Physics, 2014, 53, 3026-3034.	0.5	12
571	Revisiting "The Loophole of the Improved Secure Quantum Sealed-Bid Auction with Post-Confirmation and Solution― International Journal of Theoretical Physics, 2014, 53, 3147-3153.	0.5	21
572	Quantum Private Comparison Based on Phase Encoding of Single Photons. International Journal of Theoretical Physics, 2014, 53, 3191-3200.	0.5	13
573	Quantum Dialogue Without Information Leakage Using a Single Quantum Entangled State. International Journal of Theoretical Physics, 2014, 53, 3719-3727.	0.5	25
574	Protocols of quantum key agreement solely using Bell states and Bell measurement. Quantum Information Processing, 2014, 13, 2391-2405.	1.0	106
575	Two-party quantum key agreement with four-qubit cluster states. Quantum Information Processing, 2014, 13, 2313-2324.	1.0	72
576	Cryptanalysis and improvement of three-particle deterministic secure and high bit-rate direct quantum communication protocol. Quantum Information Processing, 2014, 13, 1345-1351.	1.0	19
577	Quantum deniable authentication protocol. Quantum Information Processing, 2014, 13, 1501-1510.	1.0	22
578	Protecting sing-photon multi-mode W state from photon loss. Quantum Information Processing, 2014, 13, 1595-1605.	1.0	13

#	Article	IF	CITATIONS
579	The (in)adequacy of applicative use of quantum cryptography in wireless sensor networks. Quantum Information Processing, 2014, 13, 2255-2275.	1.0	2
580	Multi-party quantum private comparison protocol with \$\$n\$\$ n -level entangled states. Quantum Information Processing, 2014, 13, 2375-2389.	1.0	55
581	Efficient nonlocal two-step entanglement concentration protocol for three-level atoms in an arbitrary less-entangledW state using cavity input-output process. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1511-1518.	2.0	20
582	Quantum secure direct dialogue using Einstein-Podolsky-Rosen pairs. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1238-1243.	2.0	114
583	Analytic expressions of discord and geometric discord in Werner derivatives. Quantum Information Processing, 2014, 13, 1331-1344.	1.0	14
584	Multiparty-controlled teleportation with generalised GHZ states in quantum communication network. International Journal of Communication Networks and Distributed Systems, 2014, 13, 344.	0.3	0
585	An efficient quantum anonymous communication with hybrid entanglement swapping. International Journal of Internet Protocol Technology, 2014, 8, 87.	0.2	0
586	Fast multi-copy entanglement purification with linear optics. Chinese Physics B, 2015, 24, 120306.	0.7	6
587	Complete Analysis of Four-Photon χ-Type Entangled State via Cross-Kerr Nonlinearity. Communications in Theoretical Physics, 2015, 64, 281-286.	1.1	0
588	Hyperentanglement concentration for time-bin and polarization hyperentangled photons. Physical Review A, 2015, 91, .	1.0	74
589	Single pairs of time-bin-entangled photons. Physical Review A, 2015, 92, .	1.0	26
590	A generalized architecture of quantum secure direct communication for N disjointed users with authentication. Scientific Reports, 2015, 5, 16080.	1.6	67
591	Heralded high-efficiency quantum repeater with atomic ensembles assisted by faithful single-photon transmission. Scientific Reports, 2015, 5, 15610.	1.6	27
592	Systematic entanglement concentration for unknown less-entangled three-photon W states. Laser Physics Letters, 2015, 12, 115202.	0.6	4
593	Quantum communication protocols based on entanglement swapping. Journal of Physics: Conference Series, 2015, 624, 012003.	0.3	1
594	Faithful deterministic secure quantum communication and authentication protocol based on hyperentanglement against collective noise. Chinese Physics B, 2015, 24, 080306.	0.7	4
595	Controlled mutual quantum entity authentication using entanglement swapping. Chinese Physics B, 2015, 24, 090306.	0.7	16
596	Quantum Secure Direct Communication Based on Dense Coding and Detecting Eavesdropping with Four-Particle Genuine Entangled State. Entropy, 2015, 17, 6743-6752.	1.1	11

#	Article	IF	CITATIONS
597	Concurrence Measurement for the Two-Qubit Optical and Atomic States. Entropy, 2015, 17, 4293-4322.	1.1	32
598	Hyperdistillation and hyperentanglement purification with linear optics., 2015,,.		0
599	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.	0.6	4
600	Efficient Bidirectional Quantum Secure Direct Communication with Single Photons in Both Polarization and Spatial-Mode Degrees of Freedom. International Journal of Theoretical Physics, 2015, 54, 3443-3453.	0.5	21
601	Quantum private comparison with a malicious third party. Quantum Information Processing, 2015, 14, 2125-2133.	1.0	45
602	Applications of quantum cryptographic switch: various tasks related to controlled quantum communication can be performed using Bell states and permutation of particles. Quantum Information Processing, 2015, 14, 2599-2616.	1.0	58
603	Efficient quantum dialogue without information leakage. Modern Physics Letters B, 2015, 29, 1550018.	1.0	9
604	Three-Party Simultaneous Quantum Secure Communication with Unidirectional Qubit Transmission. Applied Mechanics and Materials, 2015, 740, 857-860.	0.2	0
605	Quantum secure direct communication against the collective noise with polarization-entangled Bell states. Progress of Theoretical and Experimental Physics, 2015, 2015, 123A02.	1.8	2
606	On the deformed cat state: Generating scheme via amplitude dispersion and the analysis of nonclassical features. International Journal of Modern Physics B, 2015, 29, 1550232.	1.0	0
607	Two-step complete polarization logic Bell-state analysis. Scientific Reports, 2015, 5, 13453.	1.6	69
608	Tripartite operation sharing with a six-particle maximally entangled state. Quantum Information Processing, 2015, 14, 4255-4262.	1.0	20
609	Perfect quantum controlled teleportation via a novel three-particle partially entangled channel. Journal of China Universities of Posts and Telecommunications, 2015, 22, 45-50.	0.8	5
610	Two Quantum Direct Communication Protocols Based on Quantum Search Algorithm. International Journal of Theoretical Physics, 2015, 54, 2436-2445.	0.5	8
611	Efficient controlled quantum secure direct communication based on GHZ-like states. Quantum Information Processing, 2015, 14, 739-753.	1.0	67
612	Cascaded Multi-Level Linear-Optical Quantum Router. International Journal of Theoretical Physics, 2015, 54, 3004-3017.	0.5	6
613	Fault-Tolerant Quantum Secure Direct Communication Protocol Based On Decoherence-Free States. International Journal of Theoretical Physics, 2015, 54, 589-597.	0.5	24
614	Protecting single-photon entanglement with imperfect single-photon source. Quantum Information Processing, 2015, 14, 635-651.	1.0	15

#	Article	IF	CITATIONS
615	Analysis of N-qubit perfect controlled teleportation schemes from the controller's point of view. Physical Review A, 2015, 91 , .	1.0	25
616	Quantum correlation swapping. Quantum Information Processing, 2015, 14, 653-679.	1.0	19
617	Quantum signature scheme based on a quantum search algorithm. Physica Scripta, 2015, 90, 015103.	1.2	22
618	Two-step measurement of the concurrence for hyperentangled state. Quantum Information Processing, 2015, 14, 963-978.	1.0	35
619	Secure Quantum Dialogue via Cavity QED. International Journal of Theoretical Physics, 2015, 54, 772-779.	0.5	4
620	An Efficient Scheme of Quantum Wireless Multi-hop Communication using Coefficient Matrix. International Journal of Theoretical Physics, 2015, 54, 2977-2990.	0.5	2
621	Three-qubit Protocol to Purify Generalized Werner States. International Journal of Theoretical Physics, 2015, 54, 1689-1697.	0.5	0
622	Twice-Hadamard-CNOT attack on Li et al.'s fault-tolerant quantum private comparison and the improved scheme. Frontiers of Physics, 2015, 10, 192-197.	2.4	5
623	Arbitrary Four-Photon Cluster State Concentration with Cross-Kerr Nonlinearity. International Journal of Theoretical Physics, 2015, 54, 1292-1303.	0.5	7
624	Heralded entanglement concentration for photon systems with linear-optical elements. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1-8.	2.0	22
625	Relativistic quantum private database queries. Quantum Information Processing, 2015, 14, 1443-1450.	1.0	22
626	Robust quantum dialogue based on the entanglement swapping between any two logical Bell states and the shared auxiliary logical Bell state. Quantum Information Processing, 2015, 14, 1469-1486.	1.0	33
627	High-efficiency atomic entanglement concentration for quantum communication network assisted by cavity QED. Quantum Information Processing, 2015, 14, 1305-1320.	1.0	23
628	Quantum Secure Direct Communication Achieved by Using Multi-Entanglement. International Journal of Theoretical Physics, 2015, 54, 100-105.	0.5	22
629	Protocols and quantum circuits for implementing entanglement concentration in cat state, GHZ-like state and nine families of 4-qubit entangled states. Quantum Information Processing, 2015, 14, 2077-2099.	1.0	26
630	A Kind of Quantum Dialogue Protocols Without Information Leakage Assisted by Auxiliary Quantum Operation. International Journal of Theoretical Physics, 2015, 54, 2494-2504.	0.5	8
631	A Quantum Private Comparison Protocol with Splitting Information Carriers. International Journal of Theoretical Physics, 2015, 54, 281-291.	0.5	2
632	Fault tolerant channel-encrypting quantum dialogue against collective noise. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1-10.	2.0	11

#	Article	lF	Citations
633	Effects of noises on joint remote state preparation via a GHZ-class channel. Quantum Information Processing, 2015, 14, 3857-3877.	1.0	43
634	Dynamic (2, 3) Threshold Quantum Secret Sharing of Secure Direct Communication. Communications in Theoretical Physics, 2015, 63, 459-465.	1.1	7
635	Fault tolerant deterministic secure quantum communication using logical Bell states against collective noise. Chinese Physics B, 2015, 24, 040304.	0.7	5
636	Probabilistic Teleportation via Quantum Channel with Partial Information. Entropy, 2015, 17, 3621-3630.	1.1	7
637	Fault-tolerant authenticated quantum dialogue using logical Bell states. Quantum Information Processing, 2015, 14, 3499-3514.	1.0	34
638	Quantum private comparison over noisy channels. Quantum Information Processing, 2015, 14, 3005-3017.	1.0	10
639	Entanglement analysis for macroscopic SchrĶdinger's Cat state. Europhysics Letters, 2015, 109, 40009.	0.7	20
640	Probabilistic Three-Party Sharing of Operation on a Remote Qubit. Entropy, 2015, 17, 841-851.	1.1	11
641	High-Capacity Quantum Secure Communication with Authentication Using Einstein-Podolsky-Rosen Pairs. Chinese Physics Letters, 2015, 32, 050301.	1.3	0
642	Entanglement Swapping and Detection in the Trapped-Ion Systems. International Journal of Theoretical Physics, 2015, 54, 3710-3712.	0.5	0
643	A Quantum Single Sign-On Protocol Based on GHZ States. International Journal of Theoretical Physics, 2015, 54, 3733-3738.	0.5	0
644	Improved entanglement–purification protocol using three Werner states and LOCC. Quantum Information Processing, 2015, 14, 607-621.	1.0	3
645	Efficient protocols for unidirectional and bidirectional controlled deterministic secure quantum communication: different alternative approaches. Quantum Information Processing, 2015, 14, 2195-2210.	1.0	32
646	Cryptanalysis and improvement of a quantum communication-based online shopping mechanism. Quantum Information Processing, 2015, 14, 2211-2225.	1.0	11
647	Efficient N-particle W state concentration with different parity check gates. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1-11.	2.0	82
648	Improved Deterministic N-To-One Joint Remote Preparation of an Arbitrary Qubit via EPR Pairs. International Journal of Theoretical Physics, 2015, 54, 472-483.	0.5	16
649	A novel quantum group signature scheme without using entangled states. Quantum Information Processing, 2015, 14, 2577-2587.	1.0	35
650	Quantum secure direct dialogue over collective noise channels based on logical Bell states. Quantum Information Processing, 2015, 14, 1487-1499.	1.0	26

#	ARTICLE	IF	CITATIONS
651	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.	1.1	5
652	Recyclable amplification protocol for the single-photon entangled state. Laser Physics Letters, 2015, 12, 045203.	0.6	40
653	Three-party quantum summation without a trusted third party. International Journal of Quantum Information, 2015, 13, 1550011.	0.6	45
654	High-Capacity Quantum Secure Direct Communication With Orbital Angular Momentum of Photons. IEEE Photonics Journal, 2015, 7, 1-8.	1.0	38
655	Quantum information splitting of a two-qubit Bell state using a four-qubit entangled state. Chinese Physics C, 2015, 39, 043103.	1.5	2
656	Controlled Deterministic Secure Quantum Communication Protocol Based on Three-Particle GHZ States in X-Basis*. Communications in Theoretical Physics, 2015, 63, 285-290.	1.1	6
657	The Security Analysis of Two-Step Quantum Direct Communication Protocol in Collective-Rotation Noise Channel. Chinese Physics Letters, 2015, 32, 080301.	1.3	4
658	Efficient hyperconcentration of nonlocal multipartite entanglement via the cross-Kerr nonlinearity. Optics Express, 2015, 23, 3550.	1.7	65
659	Distillation of arbitrary single-photon entanglement assisted with polarized Bell states. Quantum Information Processing, 2015, 14, 3693-3710.	1.0	5
660	Cryptanalysis and improvement of quantum private comparison of equality protocol without a third party. Quantum Information Processing, 2015, 14, 4593-4600.	1.0	20
661	Advances in InGaAs/InP single-photon detector systems for quantum communication. Light: Science and Applications, 2015, 4, e286-e286.	7.7	284
662	Fault-Tolerant Quantum Dialogue Without Information Leakage Based on Entanglement Swapping between Two Logical Bell States*. Communications in Theoretical Physics, 2015, 63, 431-438.	1.1	10
663	Quantum nonlocality of generic family of four-qubit entangled pure states. Chinese Physics B, 2015, 24, 070301.	0.7	5
664	A scheme for secure quantum communication network with authentication using GHZ-like states and cluster states controlled teleportation. Quantum Information Processing, 2015, 14, 4279-4295.	1.0	61
665	Entanglement concentration for concatenated Greenberger–Horne–Zeilinger state. Quantum Information Processing, 2015, 14, 4131-4146.	1.0	21
666	Direct measurement of the concurrence for two-qubit electron spin entangled pure state based on charge detection. Chinese Physics B, 2015, 24, 070309.	0.7	7
667	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.	0.9	12
668	Multi-party quantum private comparison with an almost-dishonest third party. Quantum Information Processing, 2015, 14, 4225-4235.	1.0	37

#	ARTICLE	IF	Citations
669	Multi-user quantum key distribution with collective eavesdropping detection over collective-noise channels. Chinese Physics B, 2015, 24, 070308.	0.7	7
670	Environment-assisted entanglement restoration and improvement of the fidelity for quantum teleportation. Quantum Information Processing, 2015, 14, 4147-4162.	1.0	26
671	Quantum signature-masked authentication schemes. Optik, 2015, 126, 3544-3548.	1.4	2
672	Multi-controller quantum teleportation with remote rotation and its applications. Quantum Information Processing, 2015, 14, 4615-4629.	1.0	1
673	Controlled probabilistic quantum key distribution using a ground state. Quantum Information Processing, 2015, 14, 989-1003.	1.0	0
674	Analytic expression of quantum correlations in qutrit Werner states undergoing local and nonlocal unitary operations. Quantum Information Processing, 2015, 14, 559-572.	1.0	10
675	Quantum Secure Direct Communication Scheme in the Non-symmetric Channel with High Efficiency and Security. International Journal of Theoretical Physics, 2015, 54, 1871-1877.	0.5	10
676	A quantum secure direct communication protocol based on four-qubit cluster state. Security and Communication Networks, 2015, 8, 36-42.	1.0	5
677	Simple Forms of Slocc Equivalent Four-Qubit χ State. International Journal of Theoretical Physics, 2015, 54, 2236-2239.	0.5	1
678	Deterministic arbitrary multi-photon entanglement sharing via noisy channels. Laser Physics Letters, 2015, 12, 015201.	0.6	11
679	Entanglement assisted single-photon W state amplification. Optics Communications, 2015, 340, 80-85.	1.0	13
680	Cryptanalysis of a Quantum Proxy Weak Blind Signature Scheme. International Journal of Theoretical Physics, 2015, 54, 582-588.	0.5	19
681	Quantum Multi-party Private Comparison Protocol using d-dimensional Bell States. International Journal of Theoretical Physics, 2015, 54, 1830-1839.	0.5	16
682	Quantum Information Splitting of Arbitrary Three-Qubit State by Using Seven-Qubit Entangled State. International Journal of Theoretical Physics, 2015, 54, 2068-2075.	0.5	7
683	Optimal bipartite entanglement transfer and photonic implementations. Optics Communications, 2015, 334, 273-279.	1.0	4
684	Deterministic Polarization Entanglement Purification of W State in Multiple Degrees of Freedom with Hyper-Entanglement. International Journal of Theoretical Physics, 2015, 54, 1-9.	0.5	3
685	A General Scheme for Information Interception in the Ping-Pong Protocol. Advances in Mathematical Physics, 2016, 2016, 1-7.	0.4	4
686	Multiphoton Controllable Transport between Remote Resonators. Entropy, 2016, 18, 179.	1.1	1

#	ARTICLE	IF	CITATIONS
687	Complete hyperentangled Bell state analysis for polarization and time-bin hyperentanglement. Optics Express, 2016, 24, 18388.	1.7	30
688	Error-detected generation and complete analysis of hyperentangled Bell states for photons assisted by quantum-dot spins in double-sided optical microcavities. Optics Express, 2016, 24, 28444.	1.7	73
689	Efficient entanglement concentration for arbitrary less-entangled NOON state assisted by single photons. Chinese Physics B, 2016, 25, 020308.	0.7	2
690	Hybrid entanglement concentration assisted with single coherent state. Chinese Physics B, 2016, 25, 030302.	0.7	7
691	Feasible logic Bell-state analysis with linear optics. Scientific Reports, 2016, 6, 20901.	1.6	30
692	Quantum private comparison based on quantum dense coding. Science China Information Sciences, 2016, 59, 1.	2.7	13
693	Cryptanalysis of quantum broadcast communication and authentication protocol with a one-time pad. Chinese Physics B, 2016, 25, 110305.	0.7	1
694	Improved multiparty quantum key agreement in travelling mode. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	2.0	54
695	Direct measurement of nonlocal entanglement of two-qubit spin quantum states. Scientific Reports, 2016, 6, 19482.	1.6	10
696	Deterministic error correction for nonlocal spatial-polarization hyperentanglement. Scientific Reports, 2016, 6, 20677.	1.6	13
697	Exploration of multiphoton entangled states by using weak nonlinearities. Scientific Reports, 2016, 6, 19116.	1.6	8
698	Bidirectional transfer of quantum information for unknown photons via cross-Kerr nonlinearity and photon-number-resolving measurement. Chinese Physics B, 2016, 25, 020306.	0.7	9
699	Quantum secure direct communication with frequency coding scheme., 2016,,.		2
700	Multi-group dynamic quantum secret sharing with single photons. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 2349-2353.	0.9	25
701	Tripartite operation sharing with five-qubit Brown state. Quantum Information Processing, 2016, 15, 2465-2473.	1.0	24
702	Teleportation of a general two-photon state employing a polarization-entangled \$\$chi \$\$ χ state with nondemolition parity analyses. Quantum Information Processing, 2016, 15, 2955-2970.	1.0	21
703	Multi-proxy Strong Blind Quantum Signature Scheme. International Journal of Theoretical Physics, 2016, 55, 3524-3536.	0.5	31
704	Entanglement Measure and Quantum Violation of Bell-Type Inequality. International Journal of Theoretical Physics, 2016, 55, 4231-4237.	0.5	7

#	Article	IF	CITATIONS
705	Effective preparation of the <i>N</i> -dimension spin Greenberger–Horne–Zeilinger state with quantum dots embedded in microcavities. Journal of Modern Optics, 0, , 1-10.	0.6	0
706	Quantum key distribution protocol using random bases. International Journal of Modern Physics B, 2016, 30, 1650061.	1.0	0
707	An efficient (t,n) threshold quantum secret sharing withoutÂentanglement. Modern Physics Letters B, 2016, 30, 1650138.	1.0	5
708	Experimental quantum secure direct communication with single photons. Light: Science and Applications, 2016, 5, e16144-e16144.	7.7	308
709	Perfect entanglement concentration of an arbitrary four-photon polarization entangled state via quantum nondemolition detectors. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 155502.	0.6	5
710	Quantum entanglement swapping of two arbitrary biqubit pure states. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	2.0	9
711	Hyperentanglement purification for two-photon six-qubit quantum systems. Physical Review A, 2016, 94, .	1.0	82
712	Cryptanalysis and improvement of quantum broadcast communication and authentication protocol with a quantum one-time pad. Chinese Physics B, 2016, 25, 080308.	0.7	11
713	Optimal programmable unambiguous discriminator between two unknown latitudinal states. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	2.0	4
714	Entanglement of photons with complex spatial structure in Hermite-Laguerre-Gaussian modes. Physical Review A, 2016, 94, .	1.0	16
715	Efficient Schemes of Joint Remote State Preparation for Two-Qubit Equatorial States. International Journal of Theoretical Physics, 2016, 55, 5046-5054.	0.5	9
716	High-Dimensional Circular Quantum Secret Sharing Using Orbital Angular Momentum. International Journal of Theoretical Physics, 2016, 55, 4963-4971.	0.5	8
717	Fault-tolerant quantum blind signature protocols against collective noise. Quantum Information Processing, 2016, 15, 4283-4301.	1.0	12
718	Information Leakage in Efficient Bidirectional Quantum Secure Direct Communication with Single Photons in Both Polarization and Spatial-Mode Degrees of Freedom. International Journal of Theoretical Physics, 2016, 55, 4702-4708.	0.5	7
719	Remote Quantum Information Concentration Via Weak Cross-Kerr Nonlinearity. International Journal of Theoretical Physics, 2016, 55, 4798-4808.	0.5	2
720	Concentrating partially entangled W-class states on nonlocal atoms using low-Q optical cavity and linear optical elements. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	2.0	48
721	Joint remote preparation of arbitrary two- and three-photon state with linear-optical elements. Quantum Information Processing, 2016, 15, 4785-4803.	1.0	19
722	Quantum secure direct communication of digital and analog signals using continuum coherent states. Quantum Information Processing, 2016, 15, 4747-4758.	1.0	22

#	Article	IF	Citations
723	A noise immunity controlled quantum teleportation protocol. Quantum Information Processing, 2016, 15, 4819-4837.	1.0	11
724	Deterministic remote preparation of an arbitrary qubit state using a partially entangled state and finite classical communication. Quantum Information Processing, 2016, 15, 4773-4783.	1.0	5
725	Quantum group signature scheme based on controlled quantum teleportation. International Journal of Quantum Information, 2016, 14, 1650041.	0.6	2
726	Fault-tolerant controlled deterministic secure quantum communication using EPR states against collective noise. Quantum Information Processing, 2016, 15, 4711-4727.	1.0	4
727	Heralded quantum repeater for a quantum communication network based on quantum dots embedded in optical microcavities. Physical Review A, 2016, 93, .	1.0	72
728	Self-assisted complete maximally hyperentangled state analysis via the cross-Kerr nonlinearity. Physical Review A, 2016, 93, .	1.0	56
729	High-capacity quantum secure direct communication using hyper-entanglement of photonic qubits. International Journal of Quantum Information, 2016, 14, 1650043.	0.6	10
730	General hyperconcentration of photonic polarization-time-bin hyperentanglement assisted by nitrogen-vacancy centers coupled to resonators. Scientific Reports, 2016, 6, 35922.	1.6	11
731	Secure quantum communication with orthogonal states. International Journal of Quantum Information, 2016, 14, 1640021.	0.6	6
732	One Step Quantum Key Distribution Based on EPR Entanglement. Scientific Reports, 2016, 6, 28767.	1.6	24
733	Purification of Logic-Qubit Entanglement. Scientific Reports, 2016, 6, 28813.	1.6	62
734	Quantum Router for Single Photons Carrying Spin and Orbital Angular Momentum. Scientific Reports, 2016, 6, 27033.	1.6	8
735	Complete nondestructive analysis of two-photon six-qubit hyperentangled Bell states assisted by cross-Kerr nonlinearity. Scientific Reports, 2016, 6, 22016.	1.6	48
736	Heralded quantum repeater based on the scattering of photons off single emitters using parametric down-conversion source. Scientific Reports, 2016, 6, 28744.	1.6	9
737	Deterministic distribution of four-photon Dicke state over an arbitrary collective-noise channel with cross-Kerr nonlinearity. Scientific Reports, 2016, 6, 29853.	1.6	7
738	Generation of four-photon polarization entangled decoherence-free states with cross-Kerr nonlinearity. Scientific Reports, 2016, 6, 38233.	1.6	14
739	Two new Controlled not Gate Based Quantum Secret Sharing Protocols without Entanglement Attenuation. International Journal of Theoretical Physics, 2016, 55, 2342-2353.	0.5	3
740	Exploiting a Fock Cavity Field to Enhance Quantum Secret Sharing Through a Phase-Damping Noisy Channel. International Journal of Theoretical Physics, 2016, 55, 4553-4563.	0.5	3

#	Article	IF	CITATIONS
741	Cryptanalysis of Controlled Quantum Secure Direct Communication and Authentication Protocol Based on Five-Particle Cluster State and Quantum One-Time Pad. International Journal of Theoretical Physics, 2016, 55, 4564-4576.	0.5	18
742	A potential application in quantum networks—Deterministic quantum operation sharing schemes with Bell states. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	2.0	22
743	Which verification qubits perform best for secure communication in noisy channel?. Quantum Information Processing, 2016, 15, 1703-1718.	1.0	28
744	Asymmetric Bidirectional Controlled Teleportation via Seven-qubit Cluster State. International Journal of Theoretical Physics, 2016, 55, 4197-4204.	0.5	61
745	Cryptanalysis and Improvement on "Robust EPR-Pairs-Based Quantum Secure Communication with Authentication Resisting Collective Noise― International Journal of Theoretical Physics, 2016, 55, 4262-4271.	0.5	1
746	An Immune Quantum Communication Model for Dephasing Noise Using Four-Qubit Cluster State. International Journal of Theoretical Physics, 2016, 55, 609-616.	0.5	6
747	Linear-optical qubit amplification with spontaneous parametric down-conversion source. Laser Physics, 2016, 26, 015204.	0.6	10
748	Revisiting Quantum Authentication Scheme Based on Entanglement Swapping. International Journal of Theoretical Physics, 2016, 55, 2428-2435.	0.5	16
749	Enlarge the scale of W state by connecting multiple existed W states. Quantum Information Processing, 2016, 15, 761-772.	1.0	3
750	Multiparty quantum sealed-bid auction using single photons as message carrier. Quantum Information Processing, 2016, 15, 869-879.	1.0	50
751	Multi-Party Quantum Key Agreement by an Entangled Six-Qubit State. International Journal of Theoretical Physics, 2016, 55, 1920-1929.	0.5	58
752	Efficient quantum dialogue using entangled states and entanglement swapping without information leakage. Quantum Information Processing, 2016, 15, 2593-2603.	1.0	29
753	Dynamics and entanglement of a membrane-in-the-middle optomechanical system in the extremely-large-amplitude regime. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	2.0	27
7 54	Quantum Dialogue Based on Hypertanglement Against Collective Noise. International Journal of Theoretical Physics, 2016, 55, 3607-3615.	0.5	6
755	Controlled quantum secure communication protocol with single photons in both polarization and spatial-mode degrees of freedom. Modern Physics Letters B, 2016, 30, 1650051.	1.0	9
756	Controlled quantum secure direct communication by entanglement distillation or generalized measurement. Quantum Information Processing, 2016, 15, 2137-2154.	1.0	24
757	Quantum entanglement establishment between two strangers. Quantum Information Processing, 2016, 15, 385-403.	1.0	2
758	Deterministic Controlled Bidirectional Remote State Preparation Via a Six-qubit Maximally Entangled State. International Journal of Theoretical Physics, 2016, 55, 440-446.	0.5	28

#	ARTICLE	IF	Citations
759	Quantum Communication in the Ion-Trapped System. International Journal of Theoretical Physics, 2016, 55, 1771-1774.	0.5	О
760	Three-party Quantum Secure Direct Communication with Single Photons in both Polarization and Spatial-mode Degrees of Freedom. International Journal of Theoretical Physics, 2016, 55, 2490-2499.	0.5	16
761	Multiple teleportation via partially entangled GHZ state. Frontiers of Physics, 2016, 11, 1.	2.4	37
762	Two Ways of Robust Quantum Dialogue by Using Four-Qubit Cluster State. International Journal of Theoretical Physics, 2016, 55, 2110-2124.	0.5	3
763	Efficient entanglement concentration for concatenated Greenberger–Horne–Zeilinger state with the cross-Kerr nonlinearity. Quantum Information Processing, 2016, 15, 1669-1687.	1.0	31
764	Authenticated semi-quantum direct communication protocols using Bell states. Quantum Information Processing, 2016, 15, 947-958.	1.0	57
765	Efficient Quantum Secure Direct Communication Using the Orbital Angular Momentum of Single Photons. International Journal of Theoretical Physics, 2016, 55, 1811-1819.	0.5	4
766	Efficient multi-party quantum key agreement by cluster states. Quantum Information Processing, 2016, 15, 373-384.	1.0	81
767	Entanglement Concentration for Arbitrary Four-Photon Cluster State Assisted with Single Photons. International Journal of Theoretical Physics, 2016, 55, 1128-1144.	0.5	2
768	Robust Anti-Collective Noise Quantum Secure Direct Dialogue Using Logical Bell States. International Journal of Theoretical Physics, 2016, 55, 457-469.	0.5	7
769	Quantum Authencryption with Two-Photon Entangled States for Off-Line Communicants. International Journal of Theoretical Physics, 2016, 55, 867-874.	0.5	1
770	Genuine Tripartite Entanglement Dynamics and Transfer in a Triple Jaynes-Cummings Model. International Journal of Theoretical Physics, 2016, 55, 241-254.	0.5	18
771	Controlled Remote Implementation of an Arbitrary Single-Qubit Operation with Partially Entangled Quantum Channel. International Journal of Theoretical Physics, 2017, 56, 1085-1095.	0.5	10
772	An improved arbitrated quantum signature protocol based on the key-controlled chained CNOT encryption. Quantum Information Processing, 2017, 16 , 1 .	1.0	46
773	Optimal multi-photon entanglement concentration with the photonic Faraday rotation. Chinese Physics B, 2017, 26, 020302.	0.7	2
774	Robust spatial-polarization hyperentanglement distribution of two-photon systems against collective noise. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 055502.	0.6	5
775	Cryptanalysis on a scheme to share information via employing a discrete algorithm to quantum states. Journal of the Korean Physical Society, 2017, 70, 449-453.	0.3	1
776	Quantum correlations in a family of bipartite separable qubit states. Quantum Information Processing, 2017, 16, 1.	1.0	2

#	ARTICLE	IF	CITATIONS
777	Generation of concatenated Greenberger–Horne–Zeilinger-type entangled coherent state based on linear optics. Quantum Information Processing, 2017, 16, 1.	1.0	5
778	Restoration of three-qubit entanglements and protection of tripartite quantum state sharing over noisy channels via environment-assisted measurement and reversal weak measurement. Quantum Information Processing, 2017, 16, 1.	1.0	9
779	Two-Party Quantum Private Comparison with Five-Qubit Entangled States. International Journal of Theoretical Physics, 2017, 56, 1517-1529.	0.5	47
780	Controller-independent bidirectional quantum direct communication. Quantum Information Processing, 2017, 16, 1.	1.0	18
781	Practical entanglement concentration of nonlocal polarization-spatial hyperentangled states with linear optics. Quantum Information Processing, 2017, 16, 1.	1.0	3
782	Protecting single-photon entanglement with practical entanglement source. Quantum Information Processing, 2017, 16, 1.	1.0	9
783	QKD system with fast active optical path length compensation. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	2.0	20
784	Universal Three-Qubit Entanglement Generation Based on Linear Optical Elements and Quantum Non-Demolition Detectors. International Journal of Theoretical Physics, 2017, 56, 427-436.	0.5	2
785	Generation of three-qubit Greenberger–Horne–Zeilinger state of superconducting qubits via transitionless quantum driving. Laser Physics, 2017, 27, 015202.	0.6	8
786	Efficient purification and concentration for \$\$varLambda $\$\$ \hat{i}$ -type three-level entangled quantum dots using non-reciprocal microresonators. Quantum Information Processing, 2017, 16, 1.	1.0	7
787	A restricted quantum deniable authentication protocol applied in electronic voting system. Optik, 2017, 142, 9-12.	1.4	3
788	Spin Squeezing of One-Axis Twisting Model. International Journal of Theoretical Physics, 2017, 56, 2825-2830.	0.5	5
789	The Security Problems in Some Novel Arbitrated Quantum Signature Protocols. International Journal of Theoretical Physics, 2017, 56, 2433-2444.	0.5	11
790	Multi-copy entanglement purification with practical spontaneous parametric down conversion sources. Chinese Physics B, 2017, 26, 060307.	0.7	4
791	A Novel Quantum Proxy Blind Signature Scheme. International Journal of Theoretical Physics, 2017, 56, 1708-1718.	0.5	11
792	Entanglement of a two-atom system driven by the quantum vacuum in arbitrary cavity size. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1548-1556.	0.9	3
793	Deterministic secure quantum communication using a single d-level system. Scientific Reports, 2017, 7, 44934.	1.6	23
794	Cryptanalysis of Controlled Bidirectional Quantum Secure Direct Communication Network Using Classical XOR Operation and Quantum Entanglement. IEEE Communications Letters, 2017, 21, 1561-1564.	2.5	3

#	Article	IF	CITATIONS
795	Semiquantum secure direct communication using EPR pairs. Quantum Information Processing, 2017, 16, 1.	1.0	49
796	Enhancing the fidelity of remote state preparation by partial measurements. Quantum Information Processing, 2017, 16, 1.	1.0	12
797	A Quantum Proxy Blind Signature Scheme Based on Genuine Five-Qubit Entangled State. International Journal of Theoretical Physics, 2017, 56, 1762-1770.	0.5	19
798	Generation of an arbitrary concatenated Greenberger–Horne–Zeilinger state with single photons. Laser Physics Letters, 2017, 14, 025203.	0.6	4
799	Quantum hyperentanglement and its applications in quantum information processing. Science Bulletin, 2017, 62, 46-68.	4.3	195
800	An efficient controlled quantum secure direct communication and authentication by using four particle cluster states. International Journal of Quantum Information, 2017, 15, 1750002.	0.6	8
801	Cryptanalysis and Improvement for the Quantum Private Comparison Protocol Based on Triplet Entangled State and Single-Particle Measurement. International Journal of Theoretical Physics, 2017, 56, 771-780.	0.5	5
802	Multi-photon self-error-correction hyperentanglement distribution over arbitrary collective-noise channels. Quantum Information Processing, 2017, 16, 1.	1.0	11
803	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.	1.0	8
804	Qubit–qubit entanglement dynamics control via external classical pumping and Kerr nonlinearity mediated by a single detuned cavity field powered by two-photon processes. Quantum Information Processing, 2017, 16, 1.	1.0	6
805	Controlled bidirectional remote preparation of three-qubit state. Quantum Information Processing, 2017, 16, 1.	1.0	47
806	Hyperentanglement concentration for polarization–spatial–time-bin hyperentangled photon systems with linear optics. Quantum Information Processing, 2017, 16, 1.	1.0	8
807	Information Leakage in Quantum Dialogue by Using Non-Symmetric Quantum Channel. Communications in Theoretical Physics, 2017, 67, 507.	1,1	5
808	Five-partite entanglement generation between two optical frequency combs in a quasi-periodic χ (2) nonlinear optical crystal. Scientific Reports, 2017, 7, 9054.	1.6	5
809	Analysis and construction of four-party deterministic operation sharingÂwith a generalized seven-qubit Brown state. Modern Physics Letters B, 2017, 31, 1750190.	1.0	9
810	Entanglement concentration of microwave photons based on the Kerr effect in circuit QED. Physical Review A, 2017, 95, .	1.0	17
811	Security of a kind of quantum secret sharing with entangled states. Scientific Reports, 2017, 7, 2485.	1.6	17
812	Polarization entanglement purification for concatenated Greenberger–Horne–Zeilinger state. Annals of Physics, 2017, 385, 10-35.	1.0	42

#	ARTICLE	IF	CITATIONS
813	A Third-Party E-Payment Protocol Based on Quantum Group Blind Signature. International Journal of Theoretical Physics, 2017, 56, 2981-2989.	0.5	24
814	Multi-party Semi-quantum Key Agreement with Delegating Quantum Computation. International Journal of Theoretical Physics, 2017, 56, 3164-3174.	0.5	60
815	Cryptanalysis and improvement of efficient quantum dialogue using entangled states and entanglement swapping without information leakage. Quantum Information Processing, 2017, 16, 1.	1.0	11
816	Complete Bell-state analysis for superconducting-quantum-interference-device qubits with a transitionless tracking algorithm. Physical Review A, 2017, 96, .	1.0	34
817	Multi-user quantum private comparison with scattered preparation and one-way convergent transmission of quantum states. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	2.0	28
818	Self-error-rejecting photonic qubit transmission in polarization-spatial modes with linear optical elements. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	2.0	18
819	Comment on "Cryptanalysis and improvement of multiparty semiquantum secret sharing based on rearranging orders of qubits― Modern Physics Letters B, 2017, 31, 1775001.	1.0	1
820	High-capacity quantum secure direct communication with two-photon six-qubit hyperentangled states. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	2.0	90
821	Polarization entanglement purification of nonlocal microwave photons based on the cross-Kerr effect in circuit QED. Physical Review A, 2017, 96, .	1.0	40
822	Efficient multiparty quantum key agreement with collective detection. Scientific Reports, 2017, 7, 15264.	1.6	28
823	Measurement device-independent quantum dialogue. Quantum Information Processing, 2017, 16, 1.	1.0	16
824	Experimental long-distance quantum secure direct communication. Science Bulletin, 2017, 62, 1519-1524.	4.3	208
825	Distributed secure quantum machine learning. Science Bulletin, 2017, 62, 1025-1029.	4.3	196
826	Efficient Schemes of Remote State Preparation for Four-Qubit Entangled Cluster-Type State Via Two Non-Maximally Entangled GHZ-Type States. International Journal of Theoretical Physics, 2017, 56, 1318-1325.	0.5	5
827	Probabilistic Cloning of Three Real States with Optimal Success Probabilities. International Journal of Theoretical Physics, 2017, 56, 1784-1792.	0.5	0
828	Electronic Entanglement Concentration for the Concatenated Greenberger-Horne-Zeilinger State. International Journal of Theoretical Physics, 2017, 56, 1912-1928.	0.5	4
829	Quantum Secure Direct Communication with Quantum Memory. Physical Review Letters, 2017, 118, 220501.	2.9	460
830	Efficient Preparation and Nondestructive Analysis of Photon and Spin Entangled States with Double-Sided Cavity and Nitrogen-Vacancy Center Coupled System. International Journal of Theoretical Physics, 2017, 56, 456-479.	0.5	4

#	Article	IF	CITATIONS
831	Quantum Secure Direct Communication: Principles, Current Status, Perspectives., 2017,,.		9
832	Quantum Private Comparison Based on χ-Type Entangled States. International Journal of Theoretical Physics, 2017, 56, 3340-3347.	0.5	10
833	Multi-party quantum dialogue protocol based on multi-particle GHZ states. , 2017, , .		3
834	A Shared Secret Key Initiated by EPR Authentication and Qubit Transmission Channels. IEEE Access, 2017, 5, 17753-17763.	2.6	11
835	Direct Generation and Detection of Quantum Correlated Photons with 3.2 um Wavelength Spacing. Scientific Reports, 2017, 7, 17494.	1.6	30
836	Efficient Concentration Protocols for the Single-Photon Entanglement State with Polarization Feature. Frontiers in Physics, 2017, 5, .	1.0	0
837	Fault-tolerant distribution of GHZ states and controlled DSQC based on parity analyses. Optics Express, 2017, 25, 18581.	1.7	15
838	Scheme for generating a long-distance two-photon entangled state in a noisy channel via time-bin encoding and decoding. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 412.	0.9	1
839	Clauser–Horne–Shimony–Holt versus three-party pseudo-telepathy: on the optimal number of samples in device-independent quantum private query. Quantum Information Processing, 2018, 17, 1.	1.0	7
840	Semi-quantum Secure Direct Communication Scheme Based on Bell States. International Journal of Theoretical Physics, 2018, 57, 1881-1887.	0.5	31
841	Entanglement concentration and purification of two-mode squeezed microwave photons in circuit QED. Annals of Physics, 2018, 391, 112-119.	1.0	11
842	Verifiable Threshold Quantum State Sharing Scheme. IEEE Access, 2018, 6, 10453-10457.	2.6	14
843	Secure multi-party quantum summation based on quantum Fourier transform. Quantum Information Processing, 2018, 17, 1.	1.0	42
844	High-dimensional quantum key agreement protocol with pairs of single qudits. International Journal of Quantum Information, 2018, 16, 1850024.	0.6	1
845	Entanglement Purification of Nonlocal Quantumâ€Dotâ€Confined Electrons Assisted by Doubleâ€Sided Optical Microcavities. Annalen Der Physik, 2018, 530, 1800029.	0.9	11
846	Self-assisted complete hyperentangled Bell state analysis using quantum-dot spins in optical microcavities. Laser Physics Letters, 2018, 15, 055204.	0.6	9
847	A quantum secure direct communication protocol based on six-qubit cluster state., 2018,,.		0
848	Quantum Secure Group Communication. Scientific Reports, 2018, 8, 3899.	1.6	8

#	Article	IF	CITATIONS
849	Semi-quantum Dialogue Based on Single Photons. International Journal of Theoretical Physics, 2018, 57, 1440-1454.	0.5	34
850	Multi-Hop Teleportation of an Unknown Qubit State Based on W States. International Journal of Theoretical Physics, 2018, 57, 981-993.	0.5	15
851	Mediated Semiâ€Quantum Key Distribution Without Invoking Quantum Measurement. Annalen Der Physik, 2018, 530, 1700206.	0.9	47
852	Impersonation attack on a quantum secure direct communication and authentication protocol with improvement. Applied Physics B: Lasers and Optics, 2018, 124, 1.	1.1	4
853	Heralded noiseless amplification for single-photon entangled state with polarization feature. Quantum Information Processing, 2018, 17, 1.	1.0	5
854	Analysis and Improvement of Large Payload Bidirectional Quantum Secure Direct Communication Without Information Leakage. International Journal of Theoretical Physics, 2018, 57, 311-321.	0.5	11
855	Security analysis with improved design of post-confirmation mechanism for quantum sealed-bid auction with single photons. Quantum Information Processing, 2018, 17, 1.	1.0	8
856	Joint remote control of an arbitrary single-qubit state by using a multiparticle entangled state as the quantum channel. Quantum Information Processing, 2018, 17 , 1 .	1.0	21
857	An economic and feasible Quantum Sealed-bid Auction protocol. Quantum Information Processing, 2018, 17, 1.	1.0	14
858	Bell's inequality tests via correlated diffraction of high-dimensional position-entangled two-photon states. Scientific Reports, 2018, 8, 4812.	1.6	4
859	Notes on two multiparty quantum secret sharing schemes. International Journal of Quantum Information, 2018, 16, 1850030.	0.6	4
860	Robust Preparation of Atomic Concatenated Greenberger–Horne–Zeilinger States via Shortcuts to Adiabaticity. Annalen Der Physik, 2018, 530, 1700456.	0.9	3
861	Controller-Independent Bidirectional Direct Communication with Four-Qubit Cluster States. International Journal of Theoretical Physics, 2018, 57, 2007-2014.	0.5	3
862	Nuclear magnetic resonance for quantum computing: Techniques and recent achievements. Chinese Physics B, 2018, 27, 020308.	0.7	53
863	Multi-party quantum key agreement with five-qubit brown states. Quantum Information Processing, 2018, 17, 1.	1.0	27
864	Dynamic Group Multi-party Quantum Key Agreement. Scientific Reports, 2018, 8, 4633.	1.6	11
865	Multi-parties Quantum Secure Direct Communication with Authentication. Studies in Big Data, 2018, , 143-184.	0.8	1
866	Multiparty-controlled Joint Remote Preparation of an Arbitrary m-qudit State with d-dimensional Greenberger-Horne-Zeilinger States. International Journal of Theoretical Physics, 2018, 57, 148-158.	0.5	13

#	Article	IF	CITATIONS
867	Quantum connectivity optimization algorithms for entanglement source deployment in a quantum multi-hop network. Frontiers of Physics, 2018 , 13 , 1 .	2.4	6
868	Quantum Information Protocols for Cryptography. Studies in Big Data, 2018, , 3-23.	0.8	8
869	Applications of Quantum Mechanics in Secure Communication. Studies in Big Data, 2018, , 25-40.	0.8	1
870	Recyclable amplification for single-photon entanglement from photon loss and decoherence. Laser Physics Letters, 2018, 15, 015201.	0.6	4
871	Controlled Secure Direct Communication with Seven-Qubit Entangled States. International Journal of Theoretical Physics, 2018, 57, 48-58.	0.5	10
872	Secure Quantum Dialogue Protocol Based On Four-Qubit Cluster State. International Journal of Theoretical Physics, 2018, 57, 371-380.	0.5	16
873	Efficient Entanglement Concentration of Nonlocal Two-Photon Polarization-Time-Bin Hyperentangled States. International Journal of Theoretical Physics, 2018, 57, 664-673.	0.5	2
874	Robust general N user authentication scheme in a centralized quantum communication network via generalized GHZ states. Frontiers of Physics, 2018, 13, 1.	2.4	56
875	Controlled Remote State Preparation of an Arbitrary Two-Qubit State by Using Two Sets of Four-Qubit GHZ States. International Journal of Theoretical Physics, 2018, 57, 506-515.	0.5	3
876	Design and Implementation of a Practical Quantum Secure Direct Communication System. , 2018, , .		17
877	Single-Photon Faithful Transmission Using Error-Rejection Coding in Quantum Communications. , 2018, , .		0
878	Deterministic state analysis for polarization-spatial-time-bin hyperentanglement with nonlinear optics. Laser Physics Letters, 2018, 15, 125206.	0.6	9
879	Generation of Time-Bin Entangled Photon Pairs Using a Single Three-Level Emitter. Journal of Contemporary Physics, 2018, 53, 286-292.	0.1	0
880	Circular Semi-Quantum Secret Sharing Using Single Particles. Communications in Theoretical Physics, 2018, 70, 661.	1.1	23
881	Secure Quantum Turbo Coded Superdense Coding Scheme. , 2018, , .		0
882	Simple preparation of Bell and Greenberger-Horne-Zeilinger states using ultrastrong-coupling circuit QED. Physical Review A, 2018, 98, .	1.0	39
883	Faithful Entanglement Purification for High-Capacity Quantum Communication with Two-Photon Four-Qubit Systems. Physical Review Applied, 2018, 10, .	1.5	44
884	Construction of quantum gates for concatenated Greenberger–Horne–Zeilinger-type logic qubit. Quantum Information Processing, 2018, 17, 1.	1.0	0

#	Article	IF	CITATIONS
885	Offline Arbitrated Quantum Blind Dual-Signature Protocol with Better Performance in Resisting Existential Forgery Attack. International Journal of Theoretical Physics, 2018, 57, 2695-2708.	0.5	8
886	High-efficiency quantum key distribution without key sifting. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2608.	0.9	0
887	Parallel remote state preparation of arbitrary single-qubit states via linear-optical elements by using hyperentangled Bell states as the quantum channel. Quantum Information Processing, 2018, 17, 1.	1.0	17
888	Semi-quantum protocol for deterministic secure quantum communication using Bell states. Quantum Information Processing, 2018, 17, 1.	1.0	30
889	Improving the security of quantum key agreement protocols with single photon in both polarization and spatial-mode degrees of freedom. Quantum Information Processing, 2018, 17, 1.	1.0	25
890	One-step entanglements generation on distant superconducting resonators in the dispersive regime. Quantum Information Processing, 2018, 17, 1.	1.0	1
891	Entanglement concentration for polarization–spatial–time-bin hyperentangled Bell states. Europhysics Letters, 2018, 123, 60002.	0.7	19
892	Improvement of a multi-layer quantum secret sharing based on GHZ state and Bell measurement. International Journal of Quantum Information, 2018, 16, 1850053.	0.6	1
893	Measure-Resend Semi-Quantum Private Comparison Without Entanglement. International Journal of Theoretical Physics, 2018, 57, 3819-3834.	0.5	57
894	Measurement-device-independent quantum private query with qutrits. International Journal of Quantum Information, 2018, 16, 1850045.	0.6	1
895	Quantum Private Comparison Protocol with Five-Particle Cluster States. International Journal of Theoretical Physics, 2018, 57, 3874-3881.	0.5	16
896	SU(2) Decomposition for the Quantum Information Dynamics in 2d-Partite Two-Level Quantum Systems. Entropy, 2018, 20, 610.	1.1	4
897	Implementation vulnerabilities in general quantum cryptography. New Journal of Physics, 2018, 20, 103016.	1.2	40
898	Heralded amplification of single-photon entanglement with polarization feature. Frontiers of Physics, 2018, 13, 1.	2.4	4
899	Ping-pong protocol based on the orbital angular momentum of light. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2348.	0.9	2
900	Measurement-device-independent quantum communication without encryption. Science Bulletin, 2018, 63, 1345-1350.	4.3	115
901	Efficient Multiparty Quantum Secret Sharing Scheme in High-Dimensional System. Lecture Notes in Computer Science, 2018, , 23-31.	1.0	2
902	Multiparty Quantum Key Agreement with Four-Qubit Symmetric W State. International Journal of Theoretical Physics, 2018, 57, 3716-3726.	0.5	15

#	Article	IF	CITATIONS
903	Quantum entanglement of a harmonic oscillator with an electromagnetic field. Scientific Reports, 2018, 8, 8204.	1.6	17
904	Establishing rational networking using the DL04 quantum secure direct communication protocol. Quantum Information Processing, 2018, 17, 1.	1.0	12
905	Quantum conference. Quantum Information Processing, 2018, 17, 1.	1.0	19
906	The security analysis of E91 protocol in collective-rotation noise channel. International Journal of Distributed Sensor Networks, 2018, 14, 155014771877819.	1.3	3
907	New Quantum Key Distribution Scheme Based on Random Hybrid Quantum Channel with EPR Pairs and GHZ States. International Journal of Theoretical Physics, 2018, 57, 2648-2656.	0.5	5
908	A Choreographed Distributed Electronic Voting Scheme. International Journal of Theoretical Physics, 2018, 57, 2676-2686.	0.5	13
909	Complete and Nondestructive Atomic Bellâ€State Analysis Assisted by Inverse Engineering. Annalen Der Physik, 2018, 530, 1800133.	0.9	9
910	Integrated silicon nitride time-bin entanglement circuits. Optics Letters, 2018, 43, 3469.	1.7	16
911	Improvement of reliability in multi-interferometer-based counterfactual deterministic communication with dissipation compensation. Optics Express, 2018, 26, 2261.	1.7	8
912	Multiparty Sealed-Bid Auction Protocol Based on the Correlation of Four-Particle Entangled State. International Journal of Theoretical Physics, 2018, 57, 3141-3148.	0.5	7
913	Deterministic Quantum Controlled Teleportation of Arbitrary Multi-qubit States via Partially Entangled States. International Journal of Theoretical Physics, 2018, 57, 3104-3111.	0.5	12
914	Three-step three-party quantum secure direct communication. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	2.0	128
915	Cryptanalysis of secret sharing with a single d-level quantum system. Quantum Information Processing, 2018, 17, 1.	1.0	38
916	Kak's three-stage protocol of secure quantum communication revisited: hitherto unknown strengths and weaknesses of the protocol. Quantum Information Processing, 2018, 17, 1.	1.0	7
917	Probabilistic Teleportation of Arbitrary Two-Qubit Quantum State via Non-Symmetric Quantum Channel. Entropy, 2018, 20, 238.	1.1	5
918	Fault-tolerant asymmetric quantum dialogue protocols against collective noise. Quantum Information Processing, 2018, 17, 1.	1.0	5
919	Deterministic Secure Quantum Communication with Four-qubit GHZ States. International Journal of Theoretical Physics, 2018, 57, 2831-2842.	0.5	6
920	Cryptanalysis of the Quantum Private Comparison Protocol Based on the Entanglement Swapping Between Three-Particle W-Class State and Bell State. International Journal of Theoretical Physics, 2018, 57, 1716-1722.	0.5	14

#	Article	IF	CITATIONS
921	A quantum secure direct communication protocol based on six-qubit cluster state. , 2018, , .		0
922	Two authenticated quantum dialogue protocols based on three-particle entangled states. Quantum Information Processing, 2018, 17, 1.	1.0	20
923	Compressed 3D Image Information and Communication Security. Advanced Quantum Technologies, 2018, 1, 1800034.	1.8	4
924	Quantum Fisher information and coherence in one-dimensional XY spin models with Dzyaloshinsky-Moriya interactions. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	2.0	24
925	Multi-party quantum private comparison of size relation with d-level single-particle states. Quantum Information Processing, $2018,17,1.$	1.0	30
926	Cryptanalysis and improvement of the novel semi-quantum secret sharing scheme based on Bell states. Modern Physics Letters B, 2018, 32, 1850294.	1.0	4
927	Purification of the concatenated Greenberger–Horne–Zeilinger state with linear optics. Quantum Information Processing, 2018, 17, 1.	1.0	8
928	One-step distillation of local-unitary-equivalent GHZ-type states. Quantum Information Processing, 2018, 17, 1.	1.0	3
929	Quantum dialogue by nonselective measurements. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2018, 9, 025001.	0.7	3
930	Double C-NOT attack and counterattack on $\hat{a}\in$ Three-step semi-quantum secure direct communication protocol $\hat{a}\in$ M. Quantum Information Processing, 2018, 17, 1.	1.0	34
931	General hyperentanglement concentration for polarization-spatial-time-bin multi-photon systems with linear optics. Frontiers of Physics, 2018, 13 , 1 .	2.4	17
932	Joint Remote State Preparation Schemes for Two Different Quantum States Selectively. International Journal of Theoretical Physics, 2018, 57, 2241-2248.	0.5	2
933	Self-assisted complete analysis of three-photon hyperentangled Greenberger–Horne–Zeilinger states with nitrogen-vacancy centers in microcavities. Quantum Information Processing, 2018, 17, 1.	1.0	6
934	Multiparty quantum key agreement protocol based on locally indistinguishable orthogonal product states. Quantum Information Processing, 2018, 17, 1.	1.0	21
935	Asymmetrical Bell state analysis for photon-atoms hybrid system. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	4
936	The Linear Optical Unambiguous Discrimination of Hyperentangled Bell States Assisted by Time Bin. Annalen Der Physik, 2019, 531, 1900201.	0.9	11
937	Mutual semi-quantum key agreement protocol using Bell states. Modern Physics Letters A, 2019, 34, 1950294.	0.5	9
938	Annular Controlled Teleportation. International Journal of Theoretical Physics, 2019, 58, 3271-3281.	0.5	17

#	Article	IF	CITATIONS
939	Quantum secure direct communication based on orbital angular momentum., 2019,,.		0
940	Intercept-and-resend attack and improvement of semiquantum secure direct communication using EPR pairs. Quantum Information Processing, 2019, 18, 1.	1.0	8
941	Deterministic Secure Four-qubit GHZ States Three-step Protocol for Quantum Communication. International Journal of Theoretical Physics, 2019, 58, 3658-3666.	0.5	11
942	Multi-function Quantum Cryptography Protocol Based on Bell State. Lecture Notes in Computer Science, 2019, , 110-119.	1.0	0
943	Linear optics-based entanglement concentration protocols for cluster-type entangled coherent state. Quantum Information Processing, 2019, 18, 1.	1.0	5
944	Entanglement purification and concentration based on hybrid spin entangled states of separate nitrogen-vacancy centers. Europhysics Letters, 2019, 126, 40006.	0.7	7
945	An Improved Ping-Pong Protocol Using Three-Qubit Nonmaximally Nonorthogonal Entangled States. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2019, 74, 799-811.	0.7	0
946	High-Efficiency Three-Party Quantum Key Agreement Protocol with Quantum Dense Coding and Bell States. International Journal of Theoretical Physics, 2019, 58, 2834-2846.	0.5	11
947	An Efficient Quantum Sealed Bidding Auction Scheme Based on the Correlation of Genuine Five-Qubit Entangled State. International Journal of Theoretical Physics, 2019, 58, 3863-3870.	0.5	0
948	A quantum secure direct communication protocol using entangled beam pairs. Europhysics Letters, 2019, 127, 50006.	0.7	23
949	Direct measurement of the concurrence of hybrid entangled state based on parity check measurements. Chinese Physics B, 2019, 28, 010301.	0.7	10
950	Analyzing and Revising Quantum Dialogue Without Information Leakage Based on the Entanglement Swapping Between any Two Bell States and the Shared Secret Bell State. International Journal of Theoretical Physics, 2019, 58, 575-583.	0.5	7
951	Communication efficient quantum secret sharing. Physical Review A, 2019, 100, .	1.0	11
952	Phononic entanglement concentration via optomechanical interactions. Physical Review A, 2019, 100, .	1.0	19
953	Resource-efficient analyzer of Bell and Greenberger-Horne-Zeilinger states of multiphoton systems. Physical Review A, 2019, 100, .	1.0	21
954	Multicast-based multiparty remote state preparation schemes of two-qubit states. Quantum Information Processing, 2019, 18, 1.	1.0	10
955	Linear-optical heralded amplification protocol for two-photon spatial-mode-polarization hyperentangled state. Quantum Information Processing, 2019, 18, 1.	1.0	11
956	Semiquantum secure direct communication with authentication based on single-photons. International Journal of Quantum Information, 2019, 17, 1950024.	0.6	13

#	Article	IF	CITATIONS
957	Quantum Signature Scheme for Participant Attack. Journal of the Korean Physical Society, 2019, 75, 271-276.	0.3	0
958	New quantum key agreement protocols based on Bell states. Quantum Information Processing, 2019, 18, 1.	1.0	26
959	Multicharacters remote rotation sharing with five-particle cluster state. Quantum Information Processing, 2019, 18, 1.	1.0	10
960	Dissipative preparation of Bell states with parallel quantum Zeno dynamics. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	19
961	Measurement-device-independent quantum key distribution with hyper-encoding. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	92
962	Quantum private query: A new kind of practical quantum cryptographic protocol. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	106
963	Two-party quantum key agreement over a collective noisy channel. Quantum Information Processing, 2019, 18, 1.	1.0	17
964	Cryptanalysis and improvement of the novel semi-quantum secret sharing scheme using entangled states. Modern Physics Letters B, 2019, 33, 1950045.	1.0	10
965	Multiparty Quantum Computation for Summation and Multiplication with Mutually Unbiased Bases. International Journal of Theoretical Physics, 2019, 58, 2872-2882.	0.5	18
966	Deterministic Quantum Secure Direct Communication Protocol Based on Hyper-Entangled State. IEEE Access, 2019, 7, 43948-43955.	2.6	6
967	Multi-party quantum key agreement with four-qubit cluster states. Quantum Information Processing, 2019, 18, 1.	1.0	18
968	A Comparative Study for QSDC Protocols with a Customized Best Solution Approach. Advances in Intelligent Systems and Computing, 2019, , 140-148.	0.5	0
969	An efficient Quantum Private Query Protocol Based on Oracle and Grover Iteration. International Journal of Theoretical Physics, 2019, 58, 3025-3035.	0.5	5
970	Resource-Efficient Direct Entanglement Measurement of Werner State with Hybrid Spin-Photon Interaction System. International Journal of Theoretical Physics, 2019, 58, 2994-3005.	0.5	1
971	Arbitrary Quantum Signature Based on Local Indistinguishability of Orthogonal Product States. International Journal of Theoretical Physics, 2019, 58, 1036-1045.	0.5	48
972	Cryptanalysis of Zhang et al's Quantum Private Comparison and the Improvement. International Journal of Theoretical Physics, 2019, 58, 1892-1900.	0.5	7
973	Efficient semi-quantum private comparison using single photons. Quantum Information Processing, 2019, 18, 1.	1.0	49
974	Quantum error rejection for faithful quantum communication over noise channels. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	12

#	Article	IF	CITATIONS
975	Cyclic Controlled Quantum Teleportation Using Three-Dimensional Hyper-Entangled State. International Journal of Theoretical Physics, 2019, 58, 3036-3048.	0.5	16
976	Privacy-preserving Quantum Sealed-bid Auction Based on Grover's Search Algorithm. Scientific Reports, 2019, 9, 7626.	1.6	18
977	Three-party quantum secret sharing against collective noise. Quantum Information Processing, 2019, 18, 1.	1.0	24
978	Practical quantum randomâ€number generation based on sampling vacuum fluctuations. Quantum Engineering, 2019, 1, e8.	1.2	33
979	Error-heralded generation and self-assisted complete analysis of two-photon hyperentangled Bell states through single-sided quantum-dot-cavity systems. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	13
980	Direct entanglement measurement of Werner state with cavity-assisted spin–photon interaction system. Quantum Information Processing, 2019, 18, 1.	1.0	5
981	Quantum e-commerce: a comparative study of possible protocols for online shopping and other tasks related to e-commerce. Quantum Information Processing, 2019, 18, 1.	1.0	10
982	Privacy-preserving quantum multi-party computation based on circular structure. Journal of Information Security and Applications, 2019, 47, 120-124.	1.8	3
983	Advances in Quantum Dense Coding. Advanced Quantum Technologies, 2019, 2, 1900011.	1.8	47
984	Lower bound of local quantum uncertainty for high-dimensional bipartite quantum systems. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	8
985	A Novel Quantum Group Proxy Blind Signature Scheme Based on Five-Qubit Entangled State. International Journal of Theoretical Physics, 2019, 58, 1999-2008.	0.5	22
986	Quantum dialogue protocol with four-mode continuous variable GHZ state. Modern Physics Letters B, 2019, 33, 1950033.	1.0	4
987	Robustness of qubit–qudit entanglement under decoherence. European Physical Journal D, 2019, 73, 1.	0.6	2
988	Circular Multi-Party Quantum Private Comparison with n-Level Single-Particle States. International Journal of Theoretical Physics, 2019, 58, 1282-1294.	0.5	30
989	High-capacity quantum private comparison protocol with two-photon hyperentangled Bell states in multiple-degree of freedom. European Physical Journal D, 2019, 73, 1.	0.6	8
990	Fault tolerant quantum dialogue protocol over a collective noise channel. European Physical Journal D, 2019, 73, 1.	0.6	11
991	Quantum correlation swapping in parallel and antiparallel two-qubit mixed states. Quantum Information Processing, 2019, 18, 1.	1.0	6
992	On the generalization and improvement of QSDC efficiency achieved through a quantum channel compression. Quantum Information Processing, 2019, 18, 1.	1.0	2

#	Article	IF	CITATIONS
993	Error-detected single-photon quantum routing using a quantum dot and a double-sided microcavity system. Chinese Physics B, 2019, 28, 020301.	0.7	3
994	Cryptanalysis and Improvement of Some Quantum Proxy Blind Signature Schemes. International Journal of Theoretical Physics, 2019, 58, 1047-1059.	0.5	1
995	Long-distance measurement-device–independent quantum secure direct communication. Europhysics Letters, 2019, 125, 40004.	0.7	61
996	Cryptanalysis of the Efficient Controlled Quantum Secure Direct Communication and Authentication by Using Four Particle Cluster States Protocol. International Journal of Theoretical Physics, 2019, 58, 1989-1998.	0.5	3
997	Controlled quantum secure direct communication with authentication protocol based on five-particle cluster state and classical XOR operation. Quantum Information Processing, 2019, 18, 1.	1.0	13
998	Noiseless linear amplification for the single-photon entanglement of arbitrary polarization–time-bin qudit. Chinese Physics B, 2019, 28, 010302.	0.7	9
999	Remote preparation for single-photon two-qubit hybrid state with hyperentanglement via linear-optical elements. Scientific Reports, 2019, 9, 4663.	1.6	16
1000	Enhancing entanglement detection of quantum optical frequency combs via stimulated emission. Scientific Reports, 2019, 9, 5090.	1.6	0
1001	Quantum secure direct communication based on four-particle cluster state grouping. Chinese Journal of Physics, 2019, 60, 248-254.	2.0	2
1002	Quantum dialogue protocol with continuous-variable single-mode squeezed states. Quantum Information Processing, 2019, 18, 1.	1.0	5
1003	Implementation and security analysis of practical quantum secure direct communication. Light: Science and Applications, 2019, 8, 22.	7.7	181
1004	New quantum key agreement protocols based on cluster states. Quantum Information Processing, 2019, 18, 1.	1.0	19
1005	Entanglement Purification on Separate Atoms in an Error-Detected Pattern. International Journal of Theoretical Physics, 2019, 58, 1404-1417.	0.5	2
1006	A Novel E-payment Protocol Implented by Blockchain and Quantum Signature. International Journal of Theoretical Physics, 2019, 58, 1315-1325.	0.5	14
1007	Deterministic Quantum Secure Direct Communication Protocol Based on Omega State. IEEE Access, 2019, 7, 6915-6921.	2.6	8
1008	Improved Model of Quantum Deterministic Protocol Implementation in Channel with Noise., 2019,,.		5
1009	Resource and Duration Evaluation of Quantum Secure Communication Protocols., 2019,,.		0
1010	Self-error-rejecting quantum state transmission of entangled photons for faithful quantum communication without calibrated reference frames. Europhysics Letters, 2019, 127, 60001.	0.7	7

#	Article	IF	Citations
1011	Multiparty quantum random access codes. Europhysics Letters, 2019, 128, 30005.	0.7	2
1012	Intruder Control Mode Simulation of Deterministic Quantum Cryptography Protocol for Depolarized Quantum Channel., 2019,,.		8
1013	Proposal of Encoder and Decoder for Quantum Channel Compression., 2019,,.		1
1014	An Efficient Controlled Quantum Secure Direct Communication Protocol via GHZ-like States. , 2019, , .		1
1015	Security of quantum secure direct communication based on Wyner's wiretap channel theory. Quantum Engineering, 2019, 1, e26.	1.2	66
1016	Secure dynamic multiparty quantum private comparison. Scientific Reports, 2019, 9, 17818.	1.6	39
1017	Efficient travelling-mode quantum key agreement against participant's attacks. Scientific Reports, 2019, 9, 16421.	1.6	5
1018	Hyper-parallel nonlocal CNOT operation with hyperentanglement assisted by cross-Kerr nonlinearity. Scientific Reports, 2019, 9, 15939.	1.6	9
1019	New Fair Multiparty Quantum Key Agreement Secure against Collusive Attacks. Scientific Reports, 2019, 9, 17177.	1.6	7
1020	Protection of quantum dialogue affected by quantum field. Quantum Information Processing, 2019, 18, 1.	1.0	12
1021	Quantum Dialogue Based on Entanglement Swapping and Hadamard Operation via Cavity QED. International Journal of Theoretical Physics, 2019, 58, 1017-1027.	0.5	3
1022	Quantum Multi-proxy Blind Signature Scheme Based on Four-Qubit Cluster States. International Journal of Theoretical Physics, 2019, 58, 31-39.	0.5	21
1023	Logic Bell state concentration with parity check measurement. Frontiers of Physics, 2019, 14, 1.	2.4	19
1024	Quantum identity authentication without entanglement. Quantum Information Processing, 2019, 18, 1.	1.0	44
1025	Multiparty Quantum Key Agreement Based on Three-Photon Entanglement with Unidirectional Qubit Transmission. International Journal of Theoretical Physics, 2019, 58, 631-638.	0.5	8
1026	Complete and Nondestructive Atomic Greenberger–Horne–Zeilingerâ€State Analysis Assisted by Invariantâ€Based Inverse Engineering. Annalen Der Physik, 2019, 531, 1800447.	0.9	9
1027	Experimental realization of quantum algorithms for a linear system inspired by adiabatic quantum computing. Physical Review A, 2019, 99, .	1.0	35
1028	Schemes for Bidirectional Quantum Teleportation Via a Hyper-Entangled State. International Journal of Theoretical Physics, 2019, 58, 372-382.	0.5	7

#	Article	IF	CITATIONS
1029	Fault Tolerant Authenticated Quantum Dialogue Based on Logical Qubits and Controlled-Not Operations. International Journal of Theoretical Physics, 2019, 58, 531-542.	0.5	5
1030	Entanglement purification for memory nodes in a quantum network. Science China: Physics, Mechanics and Astronomy, 2020, $63, 1$.	2.0	21
1031	Controlled Quantum Dialogue Based on Logical Qubits. Advances in Intelligent Systems and Computing, 2020, , 682-690.	0.5	0
1032	Device-independent quantum secure direct communication against collective attacks. Science Bulletin, 2020, 65, 12-20.	4.3	198
1033	A Secure Quantum Voting Scheme Based on Quantum Group Blind Signature. International Journal of Theoretical Physics, 2020, 59, 719-729.	0.5	14
1034	The analysis of high-capacity quantum secure direct communication using polarization and orbital angular momentum of photons. Modern Physics Letters B, 2020, 34, 2050017.	1.0	13
1035	Efficient and secure semi-quantum secure direct communication protocol against double CNOT attack. Quantum Information Processing, 2020, 19, 1.	1.0	12
1036	Error-detected N-photon cluster state generation based on the controlled-phase gate using a quantum dot in an optical microcavity. Frontiers of Physics, 2020, 15, 1.	2.4	4
1037	Efficient Quantum Secure Direct Communication Protocol Based on Quantum Channel Compression. International Journal of Theoretical Physics, 2020, 59, 426-435.	0.5	19
1038	Experimental demonstration of Einstein-Podolsky-Rosen entanglement in rotating coordinate space. Science Bulletin, 2020, 65, 280-285.	4.3	5
1039	Fault tolerant controlled quantum dialogue against collective noise*. Chinese Physics B, 2020, 29, 010304.	0.7	13
1040	Heralded entanglement purification protocol using high-fidelity parity-check gate based on nitrogen-vacancy center in optical cavity*. Chinese Physics B, 2020, 29, 010305.	0.7	6
1041	Secure optical communication using a quantum alarm. Light: Science and Applications, 2020, 9, 170.	7.7	7
1042	Improving the Bidirectional Quantum Teleportation Scheme via Five-qubit Cluster State. International Journal of Theoretical Physics, 2020, 59, 3387-3395.	0.5	7
1043	Security analysis of measurement-device-independent quantum secure direct communication. Quantum Information Processing, 2020, 19, 1.	1.0	15
1044	High-capacity measurement-device-independent quantum secure direct communication. Quantum Information Processing, 2020, 19, 1.	1.0	30
1045	A Quantum Dialogue Protocol in Discrete-time Quantum Walk Based on Hyperentangled States. International Journal of Theoretical Physics, 2020, 59, 3491-3507.	0.5	12
1046	A novel three-party quantum secret sharing scheme based on Bell state sequential measurements with application in quantum image sharing. Quantum Information Processing, 2020, 19, 1.	1.0	5

#	Article	IF	CITATIONS
1047	High-dimensional measurement-device-independent quantum secure direct communication. Quantum Information Processing, 2020, $19, 1$.	1.0	15
1048	Cyclic quantum teleportation via GHZ-like state. Modern Physics Letters A, 2020, 35, 2050333.	0.5	13
1049	Measurement-device–independent quantum secure direct communication: Direct quantum communication with imperfect measurement device and untrusted operator. Europhysics Letters, 2020, 131, 60001.	0.7	12
1050	Quantum proxy signature with provable security. Modern Physics Letters A, 2020, 35, 2050197.	0.5	5
1051	Entanglement-assisted noiseless linear amplification for arbitrary two-photon polarization–time-bin hyperentanglement. Quantum Information Processing, 2020, 19, 1.	1.0	5
1052	Quantum High Secure Direct Communication with Authentication. , 2020, , .		0
1053	Experimental realization of controlled quantum teleportation of arbitrary qubit states via cluster states. Scientific Reports, 2020, 10, 13608.	1.6	33
1054	Optimized Bidirectional Quantum Operation Teleportation with Three Bell States. International Journal of Theoretical Physics, 2020, 59, 2639-2646.	0.5	5
1055	Quantum secure direct communication with entanglement source and single-photon measurement. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	37
1056	Joint remote preparation of single-photon three-qubit state with hyperentangled state via linear-optical elements. Quantum Information Processing, 2020, 19, 1.	1.0	11
1057	Quantum multiparty cryptosystems based on a homomorphic random basis encryption. Quantum Information Processing, 2020, 19, 1.	1.0	4
1058	Semi-Quantum Proxy Signature Scheme with Quantum Walk-Based Teleportation. International Journal of Theoretical Physics, 2020, 59, 3145-3155.	0.5	16
1059	Optimal schemes for quantum teleportation of N-particle generalized Bell-type states. International Journal of Modern Physics B, 2020, 34, 2050228.	1.0	0
1060	Deterministic secure quantum communication under vacuum fluctuation. European Physical Journal D, 2020, 74, 1.	0.6	5
1061	Multi-Stage Quantum Secure Direct Communication Using Secure Shared Authentication Key. Symmetry, 2020, 12, 1481.	1.1	4
1062	Quantum direct communication protocols using discrete-time quantum walk. Quantum Information Processing, 2020, 19, 1.	1.0	7
1063	An efficient circle-type multiparty quantum key agreement protocol with single particles. International Journal of Modern Physics B, 2020, 34, 2050199.	1.0	1
1064	Turboâ€coded secure and reliable quantum teleportation. IET Quantum Communication, 2020, 1, 16-21.	2.2	2

#	Article	IF	Citations
1065	Real-time shaping of entangled photons by classical control and feedback. Science Advances, 2020, 6, .	4.7	27
1066	A verifiable (t, n) threshold quantum state sharing scheme on IBM quantum cloud platform. Quantum Information Processing, 2020, 19, 1.	1.0	2
1067	Measurement-device–independent quantum secure direct communication of multiple degrees of freedom of a single photon. Europhysics Letters, 2020, 131, 40005.	0.7	37
1068	Error-Detected Generation of High-Fidelity Photonic Hyperentanglement in Polarization-Spatial-Time Three Degrees of Freedom Assisted by Quantum-Dot Spins. International Journal of Theoretical Physics, 2020, 59, 4025-4039.	0.5	2
1069	Hyperentanglement concentration of nonlocal two-photon six-qubit systems via the cross-Kerr nonlinearity. Scientific Reports, 2020, 10, 21444.	1.6	2
1070	Deterministic measurement-device-independent quantum secret sharing. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	44
1071	Low-decoherence quantum information transmittal scheme based on the single-particle various degrees of freedom entangled states. Quantum Information Processing, 2020, 19, 1.	1.0	1
1072	Semi-quantum private comparison based on Bell states. Quantum Information Processing, 2020, 19, 1.	1.0	36
1073	Two single-state semi-quantum secure direct communication protocols based on single photons. International Journal of Modern Physics B, 2020, 34, 2050106.	1.0	9
1074	Multi-party semi-quantum secure direct communication protocol with cluster states. International Journal of Theoretical Physics, 2020, 59, 2175-2186.	0.5	4
1075	Bidirectional quantum-controlled teleportation using six-qubit cluster state without remote joint operation. Modern Physics Letters A, 2020, 35, 2050192.	0.5	10
1076	Quantum Queuing Delay. IEEE Journal on Selected Areas in Communications, 2020, 38, 605-618.	9.7	12
1077	Continuous-variable multiparty quantum key agreement based on third party. Modern Physics Letters B, 2020, 34, 2050083.	1.0	5
1078	Entanglement purification of two-photon systems in multiple degrees of freedom. Quantum Information Processing, 2020, 19, 1.	1.0	2
1079	A Quantum secure sharing protocol for Cloud data based on proxy re-encryption. Scientific Reports, 2020, 10, 9074.	1.6	1
1080	Controller-independent quantum bidirectional communication using non-maximally entangled states. Quantum Information Processing, 2020, 19, 1.	1.0	6
1081	Simplistic quantum operation sharing with a five-qubit genuinely entangled state. Quantum Information Processing, 2020, 19, 1.	1.0	10
1082	Efficient teleportation-based quantum secure communication using quantum channel compression. European Physical Journal D, 2020, 74, 1.	0.6	0

#	Article	IF	Citations
1083	Generating NOON states in circuit QED using a multiphoton resonance in the presence of counter-rotating interactions. Physical Review A, 2020, 101, .	1.0	11
1084	Error correction of polarization entanglement in hyper-entangled state. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 135503.	0.6	2
1085	Optimal Remote Entanglement Distribution. IEEE Journal on Selected Areas in Communications, 2020, 38, 540-556.	9.7	38
1086	Experimental high-dimensional quantum secret sharing with spin-orbit-structured photons. Physical Review A, 2020, 101, .	1.0	29
1087	Semi-Quantum Secure Direct Communication Using Entanglement. International Journal of Theoretical Physics, 2020, 59, 1807-1819.	0.5	20
1088	Advanced semi-quantum secure direct communication protocol based on bell states against flip attack. Quantum Information Processing, 2020, 19, 1.	1.0	16
1089	Single-Photon-Memory Two-Step Quantum Secure Direct Communication Relying on Einstein-Podolsky-Rosen Pairs. IEEE Access, 2020, 8, 121146-121161.	2.6	31
1090	Controlled bidirectional quantum secure direct communication protocol based on Grover's algorithm. Modern Physics Letters A, 2020, 35, 2050228.	0.5	4
1091	Fault Tolerant Controlled Quantum Dialogue with Logical Brown States Against Collective Noise. International Journal of Theoretical Physics, 2020, 59, 2155-2174.	0.5	4
1092	Toward Practical Quantum Secure Direct Communication: A Quantum-Memory-Free Protocol and Code Design. IEEE Transactions on Communications, 2020, 68, 5778-5792.	4.9	58
1093	Cryptanalysis and Improvement of Multiparty Quantum Sealed-bid Auction. International Journal of Theoretical Physics, 2020, 59, 2354-2361.	0.5	0
1094	Analyzing and Improving the Secure Quantum Dialogue Protocol Based on Four-Qubit Cluster State. International Journal of Theoretical Physics, 2020, 59, 2120-2126.	0.5	10
1095	Quantum public-key signature scheme based on asymmetric quantum encryption with trapdoor information. Quantum Information Processing, 2020, 19, 1.	1.0	10
1096	Semi-quantum cryptography. Quantum Information Processing, 2020, 19, 1.	1.0	41
1097	Teleportation-based quantum secure communication using quantum channel compression. European Physical Journal D, 2020, 74, 1.	0.6	2
1098	Quantum secure direct communication with an untrusted Charlie using imperfect measurement devices. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	14
1099	Security proof of the two-way quantum secure direct communication with channel loss and noise. Europhysics Letters, 2020, 129, 10004.	0.7	13
1100	Co-communication Protocol of Underwater Sensor Networks with Quantum and Acoustic Communication Capabilities. Wireless Personal Communications, 2020, 113, 337-347.	1.8	15

#	Article	IF	CITATIONS
1101	Error Tolerance Bound in QKD-Based Quantum Private Query. IEEE Journal on Selected Areas in Communications, 2020, 38, 517-527.	9.7	40
1102	Fault Tolerant Multi-Party Authenticated Quantum Conference Against Collective Noise. International Journal of Theoretical Physics, 2020, 59, 786-806.	0.5	1
1103	Control power of high-dimensional controlled teleportation. Physical Review A, 2020, 101, .	1.0	10
1104	Secure Multi-Party Quantum Private Information Query. International Journal of Theoretical Physics, 2020, 59, 1099-1108.	0.5	1
1105	Tripartite Quantum Operation Sharing with Six-Qubit Entangled State. International Journal of Theoretical Physics, 2020, 59, 1605-1611.	0.5	11
1106	Improvements on "Multi-party Quantum Key Agreement Protocol with Bell States and Single Particles― International Journal of Theoretical Physics, 2020, 59, 1623-1637.	0.5	2
1107	Guest Editorial Advances in Quantum Communications, Computing, Cryptography, and Sensing. IEEE Journal on Selected Areas in Communications, 2020, 38, 405-412.	9.7	12
1108	Simultaneous two-way classical communication and measurement-device-independent quantum key distribution with coherent states. Physical Review A, 2020, 101, .	1.0	14
1109	General Quantum Entanglement Purification Protocol using a Controlledâ€Phaseâ€Flip Gate. Annalen Der Physik, 2020, 532, 2000011.	0.9	7
1110	Cryptanalysis and Improvement of Quantum Sealed-Bid Auction. International Journal of Theoretical Physics, 2020, 59, 1917-1926.	0.5	7
1111	Measurement of the concurrence of arbitrary two-photon six-qubit hyperentangled state. Europhysics Letters, 2020, 129, 50004.	0.7	8
1112	Four-party quantum operation sharing with composite quantum channel in Bell and Yeo–Chua product state. Modern Physics Letters B, 2021, 35, 2150024.	1.0	4
1113	The influence of imprecise quantum measurement on remote state preparation protocol. Modern Physics Letters B, 2021, 35, 2150040.	1.0	0
1114	Quantum Multiparty Privacy Set Intersection Cardinality. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1203-1207.	2.2	9
1115	Cryptanalysis and Improvement on Authenticated Semi-quantum Direct Communication Protocol using Bell States. International Journal of Theoretical Physics, 2021, 60, 63-69.	0.5	2
1116	Tripartite Quantum Operation Sharing with a Six-Qubit Absolutely Maximally Entangled State. International Journal of Theoretical Physics, 2021, 60, 2520-2530.	0.5	1
1117	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.	0.5	1
1118	Feasible time-bin entanglement purification based on sum-frequency generation. Optics Express, 2021, 29, 571.	1.7	18

#	Article	IF	CITATIONS
1119	Quantum Key Agreement Protocol Based on Quantum Search Algorithm. International Journal of Theoretical Physics, 2021, 60, 838-847.	0.5	19
1120	Quantum direct portation. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 190301.	0.2	1
1121	Quantum teleportation of an arbitrary four-qubit state via three-uniform state of eight qubits. Modern Physics Letters A, 2021, 36, 2150026.	0.5	1
1122	Secure multi-party computation with a quantum manner. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 085301.	0.7	2
1123	Quantum communication scheme with freely selectable users. Modern Physics Letters B, 2021, 35, 2150156.	1.0	1
1124	Quantum correlation swapping between Werner and separable states. Laser Physics Letters, 2021, 18, 035203.	0.6	3
1125	Mediated semi-quantum secure direct communication. Quantum Information Processing, 2021, 20, 1.	1.0	18
1126	Dissipative preparation of multipartite Greenberger-Horne-Zeilinger states of Rydberg atoms*. Chinese Physics B, 2021, 30, 023201.	0.7	3
1127	A Novel Practical Quantum Secure Direct Communication Protocol. International Journal of Theoretical Physics, 2021, 60, 1159-1163.	0.5	7
1128	Deterministic nondestructive state analysis for polarization-spatial-time-bin hyperentanglement with cross-Kerr nonlinearity*. Chinese Physics B, 2021, 30, 030304.	0.7	5
1129	A New Quantum Payment Protocol Based on a Set of Local Indistinguishable Orthogonal Product States. International Journal of Theoretical Physics, 2021, 60, 1237-1245.	0.5	6
1130	Feasible measurement-based entanglement purification in linear optics. Optics Express, 2021, 29, 9363.	1.7	24
1131	Comment on "protection of quantum dialogue affected by quantum field― Quantum Information Processing, 2021, 20, 1.	1.0	0
1132	Controlled Cyclic Remote Preparation of an Arbitrary Single-Qudit State by Using a Seven-Qudit Cluster State as the Quantum Channel. International Journal of Theoretical Physics, 2021, 60, 1635-1649.	0.5	2
1133	Cyclic Remote Implementation of Partially Unknown Quantum Operations. Chinese Journal of Electronics, 2021, 30, 378-383.	0.7	3
1134	A quantum voting protocol using single-particle states. Quantum Information Processing, 2021, 20, 1.	1.0	13
1135	Remote preparation for single-photon state in two degrees of freedom with hyper-entangled states. Frontiers of Physics, 2021, 16, 1.	2.4	9
1136	Practical amplification for a single photon qudit encoded in three degrees of freedom. Laser Physics Letters, 2021, 18, 055203.	0.6	1

#	Article	IF	CITATIONS
1137	Drastic increase of channel capacity in quantum secure direct communication using masking. Science Bulletin, 2021, 66, 1267-1269.	4.3	72
1138	Four-party deterministic quantum operation sharing with a generalized seven-qubit Brown state. Laser Physics Letters, 2021, 18, 055202.	0.6	9
1139	Participant attack on the deterministic measurement-device-independent quantum secret sharing protocol. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	28
1140	Controlled Deterministic Secure Semi-Quantum Communication. International Journal of Theoretical Physics, 2021, 60, 1767-1782.	0.5	4
1141	Three-party semi-quantum protocol for deterministic secure quantum dialogue based on GHZ states. Quantum Information Processing, 2021, 20, 1.	1.0	8
1142	Efficient Tripartite Quantum Operation Sharing with Five-Qubit Absolutely Maximally Entangled State. International Journal of Theoretical Physics, 2021, 60, 2583-2591.	0.5	3
1143	Entanglement Concentration Protocols for GHZ-type Entangled Coherent State Based on Linear Optics. International Journal of Theoretical Physics, 2021, 60, 1624-1634.	0.5	0
1144	Logic Wâ€state concentration with parity check. Quantum Engineering, 2021, 3, e63.	1.2	2
1145	One-round semi-quantum-honest key agreement scheme in MSTSA structure without entanglement. Quantum Information Processing, 2021, 20, 1.	1.0	0
1146	Feasible noiseless linear amplification for single-photon qudit and two-photon hyperentanglement encoded in three degrees of freedom. Quantum Information Processing, 2021, 20, 1.	1.0	1
1147	Efficient multiâ€qubit quantum data compression. Quantum Engineering, 2021, 3, e67.	1.2	9
1148	Advances in quantum secure direct communication. IET Quantum Communication, 2021, 2, 54-62.	2.2	2
1149	Multipartite entanglement dynamics and transfer in double and triple Tavis–Cummings models. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 135401.	0.6	2
1150	Multipartite entanglement purification using time-bin entanglement. Laser Physics Letters, 2021, 18, 065205.	0.6	2
1151	Information leakage resistant quantum dialogue with single photons in both polarization and spatial-mode degrees of freedom. Quantum Information Processing, 2021, 20, 1.	1.0	17
1152	Feasible high-dimensional measurement-device-independent quantum key distribution. Laser Physics Letters, 2021, 18, 075204.	0.6	6
1153	Nonlocal realism tests and quantum state tomography in Sagnac-based type-II polarization-entanglement SPDC-source. Heliyon, 2021, 7, e07384.	1.4	6
1154	Quantum information splitting of an arbitrary threeâ€qubit state by using three sets of GHZ states. IET Quantum Communication, 2021, 2, 122-135.	2.2	2

#	Article	IF	CITATIONS
1155	Errorâ€Insensitive 3D Entanglement Gate with Optimal Control of Geometric Evolution. Annalen Der Physik, 2021, 533, 2100145.	0.9	0
1156	Heralded high-fidelity quantum hyper-CNOT gates assisted by charged quantum dots inside single-sided optical microcavities. Optics Express, 2021, 29, 20045.	1.7	20
1157	Optimal Schemes for Quantum Teleportation of Ten-Qubit State. International Journal of Theoretical Physics, 2021, 60, 2995-3002.	0.5	2
1158	Semi-Quantum Mutual Identity Authentication Using Bell States. International Journal of Theoretical Physics, 2021, 60, 3353-3362.	0.5	10
1159	Multiâ€hop nonâ€destructive qudit teleportation via nonâ€maximally entangled GHZ channels. IET Quantum Communication, 2021, 2, 218-229.	2.2	3
1160	Semi-quantum private comparison protocol of size relation with d-dimensional GHZ states*. Chinese Physics B, 2022, 31, 010302.	0.7	14
1161	QSDC: Future of Quantum Communication A Study. , 2021, , .		2
1162	Filtration mapping as complete Bell state analyzer for bosonic particles. Scientific Reports, 2021, 11, 14236.	1.6	0
1163	Measurement-device-independent quantum dialogue. Chinese Physics B, 2021, 30, 100303.	0.7	4
1164	Decoherence of GHZ state under three noisy channels in non-inertial frames. International Journal of Modern Physics B, 2021, 35, 2150209.	1.0	1
1165	A stronger participant attack on the measurement-device-independent protocol for deterministic quantum secret sharing. Quantum Information Processing, 2021, 20, 1.	1.0	13
1166	Measurement-based entanglement purification for entangled coherent states. Frontiers of Physics, 2022, 17, 1.	2.4	18
1167	Key Expanding in Measurement-Device-Independent Quantum Key Distribution. International Journal of Theoretical Physics, 2021, 60, 3566-3577.	0.5	0
1168	Enhanced (t,Ân) threshold d-level quantum secret sharing. Scientific Reports, 2021, 11, 17083.	1.6	11
1169	Economical multi-photon polarization entanglement purification with Bell state. Quantum Information Processing, 2021, 20, 1.	1.0	2
1170	Authenticated quantum dialogue protocol based on four-particle entangled states. Modern Physics Letters A, 2021, 36, 2150189.	0.5	1
1171	Continuous-Variable Quantum Secure Direct Communication Based on Gaussian Mapping. Physical Review Applied, 2021, 16, .	1.5	29
1172	Efficient semi-quantum private comparison without using entanglement resource and pre-shared key. Quantum Information Processing, 2021, 20, 1.	1.0	20

#	Article	IF	CITATIONS
1173	n-Bit Quantum Secret Sharing Protocol Using Quantum Secure Direct Communication. International Journal of Theoretical Physics, 2021, 60, 3744-3759.	0.5	5
1174	Quantum secure data transfer with pulse shape encoded optical qubits. Quantum Engineering, 2021, 3, e81.	1.2	4
1175	Decision-Making Behavior and Risk Perception of Chinese Female Wildlife Tourists. Sustainability, 2021, 13, 10301.	1.6	2
1176	A 15-user quantum secure direct communication network. Light: Science and Applications, 2021, 10, 183.	7.7	114
1177	Roles of fiber birefringence and Raman scattering in the spontaneous four-wave mixing process through birefringent fibers. Optics Express, 2021, 29, 31348.	1.7	0
1178	Novel encoding–decoding procedure for quantum key distribution. Quantum Information Processing, 2021, 20, 1.	1.0	1
1179	Tripartite quantum operation sharing with six-qubit highly entangled state. Modern Physics Letters A, 2021, 36, 2150034.	0.5	3
1180	Quantum secure direct communication: Intersection of communication and cryptography. Fundamental Research, 2021, 1, 91-92.	1.6	49
1181	Multi-party Quantum Key Agreement Against Collective Noise. Lecture Notes in Computer Science, 2018, , 141-155.	1.0	1
1182	Quantum Key Distribution Protocol Based on GHZ Like State and Bell State. Lecture Notes in Computer Science, 2020, , 298-306.	1.0	1
1183	Bidirectional Quantum Secure Direct Communication Based on Entanglement. Communications in Computer and Information Science, 2009, , 40-49.	0.4	6
1184	Attacks and Improvements of QSDC Schemes Based on CSS Codes. Lecture Notes in Computer Science, 2012, , 239-246.	1.0	3
1185	Generic security analysis framework for quantum secure direct communication. Frontiers of Physics, 2021, 16, 1.	2.4	26
1186	Highly efficient hyperentanglement concentration with two steps assisted by quantum swap gates. Scientific Reports, 2015, 5, 16444.	1.6	32
1187	Deterministic secure quantum communication with and without entanglement. Physica Scripta, 2021, 96, 025101.	1.2	7
1188	Novel continuous-variable quantum secure direct communication and its security analysis. Laser Physics Letters, 2019, 16, 095207.	0.6	14
1189	On entanglement invariant for a double Jaynes–Cummings model. Chinese Physics B, 2008, 17, 4375-4377.	0.7	2
1190	Two efficient measurement device independent quantum dialogue protocols. International Journal of Quantum Information, 2020, 18, 2050038.	0.6	8

#	Article	IF	CITATIONS
1191	Remote implementation of single-qubit operations via hyperentangled states with cross-Kerr nonlinearity. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 867.	0.9	9
1192	General quantum broadcast and multi-cast communications based on entanglement. Optics Express, 2018, 26, 29296.	1.7	13
1193	Complete analysis of hyperentangled Bell states assisted with auxiliary hyperentanglement. Optics Express, 2019, 27, 8994.	1.7	27
1194	Asymmetrical hyperentanglement concentration for entanglement of polarization and orbital angular momentum. Optics Express, 2019, 27, 13172.	1.7	6
1195	Efficient quantum key distribution against collective noise using polarization and transverse spatial mode of photons. Optics Express, 2020, 28, 4611.	1.7	15
1196	Multipartite quantum entanglement creation for distant stationary systems. Optics Express, 2020, 28, 1316.	1.7	14
1197	Purification of the residual entanglement. Optics Express, 2020, 28, 2291.	1.7	33
1198	Complete and faithful hyperentangled-Bell-state analysis of photon systems using a failure-heralded and fidelity-robust quantum gate. Optics Express, 2020, 28, 2857.	1.7	29
1199	Imperfect-interaction-free entanglement purification on stationary systems for solid quantum repeaters. Optics Express, 2020, 28, 18693.	1.7	7
1200	Experimental free-space quantum secure direct communication and its security analysis. Photonics Research, 2020, 8, 1522.	3.4	67
1201	A Quantum Secure Direct Communication with Authentication. Information Technology Journal, 2009, 8, 1027-1032.	0.3	2
1202	Efficient Three-Party Quantum Secure Direct Communication with EPR Pairs. Journal of Quantum Information Science, 2013, 03, 1-5.	0.2	7
1203	An ID-Based Short Group Signature Scheme. Journal of Software, 2013, 8, .	0.6	6
1204	Three-party quantum key agreement with Bell states. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 170304.	0.2	12
1205	Quantum dialogue protocols with identification over collection noisy channel without information leakage. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 060302.	0.2	6
1206	Quantum network direct communication protocol over noisy channel. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 160306.	0.2	8
1207	Quantum secure direct communication. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 160307.	0.2	39
1208	Quantum secure direct communication protocol based on the mixture of Bell state particles and single photons. Wuli Xuebao/Acta Physica Sinica, 2016, 65, 230301.	0.2	15

#	Article	IF	CITATIONS
1209	Measurement-device-independent QSDC using multiple Swap Circuits., 2021,,.		1
1210	Comment on "controlled quantum secure direct communication with authentication protocol based on five-particle cluster state and classical XOR operation". Quantum Information Processing, 2021, 20, 1.	1.0	O
1211	Spectral compression and entanglement reduction in the cascaded biphoton state with cavities. Journal of Physics B: Atomic, Molecular and Optical Physics, 0, , .	0.6	2
1212	Quantum Random Number Generators for Cryptography: Design and Evaluation. Lecture Notes in Electrical Engineering, 2022, , 315-322.	0.3	3
1213	QUANTUM SECURE DIRECT COMMUNICATION USING ENTANGLEMENT AND SUPER DENSE CODING. , 2009, , .		1
1214	Quantum direct communication with mutual authenticationQuantum direct communication with mutual authenticationQuantum direct communication with mutual authentication. Quantum Information and Computation, 2009, 9, 376-394.	0.1	30
1215	Using Multi-particle Entanglement in Secure Communication Scenarios. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 249-257.	0.2	0
1216	One-way deterministic secure quantum communication protocol based on single photons. Wuli Xuebao/Acta Physica Sinica, 2010, 59, 2493.	0.2	19
1217	Confidential Deterministic Quantum Communication Using Three Quantum States. International Journal of Advanced Computer Science and Applications, 2011, 2, .	0.5	0
1218	Security of a kind of quantum secret sharing with single photons. Quantum Information and Computation, 2011, 11, 434-443.	0.1	38
1219	Small Scale Quantum Network Communications via Multi-step Quantum Teleportation. Journal of Computers, $2011, 6, .$	0.4	0
1220	Quantum Secure Telecommunication Systems. , 0, , .		3
1221	Quantum nondemolition measurement of two-photon Bell-state and three-photon Greenberger-Horne-Zeilinger-state based on weak nonlinearities. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 100304.	0.2	5
1222	High-efficient quantum state sharing via non-maximally five-qubit cluster state. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 230302.	0.2	5
1223	Poisson survival model of quantum entanglement signaling network and fidelity analysis. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 230303.	0.2	3
1224	Study on survival function of noise quantum channel and its simulation. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 150301.	0.2	4
1225	Three-Party Simultaneous Quantum Secure Communication Based on Closed Transmission Loops. Journal of Quantum Information Science, 2014, 04, 292-296.	0.2	0
1226	Hyper-parallel photonic quantum computation and manipulation on hyperentangled states. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 160303.	0.2	6

#	Article	IF	CITATIONS
1227	A scheme of quantum packet transmission and its performance analysis based on hierarchical. Wuli Xuebao/Acta Physica Sinica, 2016, 65, 130302.	0.2	0
1228	Cluster state based controlled quantum secure direct communication protocol with controllable channel capacity. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 180303.	0.2	4
1229	A Quantum Key Distribution Protocol Based on the Single Polarization Photon. Computer Science and Application, 2017, 07, 688-695.	0.0	0
1230	Quantum Direct Communication Wiretapping. Communications in Computer and Information Science, 2017, , 287-294.	0.4	0
1231	Information leakage problem in quantum secure direct communication protocol based on the mixture of Bell state particles and single photons. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 130304.	0.2	4
1232	One Division-Multiplexed of Control Code Based on Quantum Secure Direct Communication. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 396-404.	0.2	0
1233	Quantum error rejection and fault tolerant quantum communication. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 130301.	0.2	5
1234	Quantum Private Comparison Based on Delegating Quantum Computation. Lecture Notes in Computer Science, 2018, , 660-669.	1.0	0
1235	Development Analysis of Quantum Secure Direct Communication Technology. Computer Science and Application, 2018, 08, 1102-1116.	0.0	0
1236	Efficient hyperentanglement purification using a \hat{b} system coupled with a whispering-gallery-mode microresonator. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 423.	0.9	1
1237	On the Hyperdense Coding and Proposal of Hyperdense Coding Quantum Secure Communication Protocol. , $2019, \ldots$		1
1238	A Modified Scheme of Quantum Secure Direct Communication Based on 4-Dimension Hilbert Space by Mixing Bell State Particles and Single Photons. Computer Science and Application, 2019, 09, 188-204.	0.0	0
1239	Quantum remote sensing secure direct communication., 2019,,.		1
1240	Asymmetry semiquantum dialogue protocol. , 2019, , .		0
1241	Effect of noise on deterministic remote preparation of an arbitrary two-qudit state by using a four-qudit ݇-type state as the quantum channel. International Journal of Quantum Information, 2020, 18, 2050028.	0.6	1
1242	Improved and practical proposal for measurement device independent quantum dialogue. Quantum Information Processing, 2021, 20, 1.	1.0	3
1243	Practical decoy-state quantum secure direct communication. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	39
1244	Practical Quantum Secure Direct Communication. , 2020, , .		2

#	Article	IF	CITATIONS
1245	Provably Secure Symmetric Private Information Retrieval with Quantum Cryptography. Entropy, 2021, 23, 54.	1.1	15
1246	The Entanglement-Assisted Communication Capacity Over Quantum Trajectories. IEEE Transactions on Wireless Communications, 2022, 21, 3632-3647.	6.1	6
1247	Multi-party Semi-quantum Secret Sharing Scheme Based on Bell States. Lecture Notes in Computer Science, 2020, , 280-288.	1.0	2
1248	A Free-Space Quantum Secure Direct Communication Scheme Based on Prefixed-Threshold Real-Time Selection Method. Communications in Computer and Information Science, 2020, , 90-98.	0.4	0
1249	Multi-layer Quantum Secret Sharing Based on GHZ States. Communications in Computer and Information Science, 2020, , 674-685.	0.4	0
1250	Quantum signature for designated verifier with strong security. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 190302.	0.2	5
1251	Quantum Communication: Concept, Applications, and Future Outlook. , 2021, , .		1
1252	One-step quantum secure direct communication. Science Bulletin, 2022, 67, 367-374.	4.3	165
1253	Semi-device-independent quantum key agreement protocol. Quantum Information Processing, 2021, 20, 1.	1.0	7
1254	Efficient quantum secure direct communication with complete Bellâ€state measurement. Quantum Engineering, 2021, 3, e83.	1.2	19
1255	Generation of an arbitrary logic W state with cross-Kerr nonlinearities. Laser Physics Letters, 2020, 17, 115203.	0.6	2
1256	Free-space quantum secure direct communication based on decoherence-free space. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 3028.	0.9	6
1257	Hyperentanglement-assisted hyperdistillation for hyper-encoding photon system. Frontiers of Physics, 2022, 17, 1.	2.4	11
1258	Quantum Secure Direct Communication with Mutual Authentication using a Single Basis. International Journal of Theoretical Physics, 2021, 60, 4044-4065.	0.5	8
1259	Coupling of a quantum memory and telecommunication wavelength photons for high-rate entanglement distribution in quantum repeaters. Optics Express, 2021, 29, 41522.	1.7	6
1260	Conversion of Knill–Laflamme–Milburn Entanglement to Greenberger–Horne–Zeilinger Entanglement in Decoherenceâ€Free Subspace. Annalen Der Physik, 2022, 534, .	0.9	4
1261	Deterministic secure quantum communication with practical devices. Quantum Engineering, 2021, 3, e86.	1,2	5
1262	Quantum Secure Direct Communication Protocol based on Quantum Fingerprint., 2021,,.		0

#	Article	IF	CITATIONS
1263	Complete Hyperentangled Bell States Analysis For Polarizationâ€Spatialâ€Timeâ€Bin Degrees of Freedom with Unity Fidelity. Annalen Der Physik, 2022, 534, .	0.9	7
1264	The Evolution of Quantum Key Distribution Networks: On the Road to the Qinternet. IEEE Communications Surveys and Tutorials, 2022, 24, 839-894.	24.8	106
1265	A rational quantum state sharing protocol with semi-off-line dealer. Chinese Physics B, 2022, 31, 050309.	0.7	3
1266	All-fiber source and sorter for multimode correlated photons. Npj Quantum Information, 2022, 8, .	2.8	9
1267	Total qubit efficiency of quantum key distribution protocol: definition and application. European Physical Journal Plus, 2022, 137, 1.	1.2	1
1268	Towards Realâ€World Quantum Networks: A Review. Laser and Photonics Reviews, 2022, 16, .	4.4	59
1269	Bi-directional semi-quantum secure direct communication protocol based on high-dimensional single-particle states. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 130304.	0.2	3
1270	Deterministic secure quantum communication with double-encoded single photons. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 050302.	0.2	4
1271	Generation of Bell and Greenberger-Horne-Zeilinger states from a hybrid qubit-photon-magnon system. Physical Review A, 2022, 105, .	1.0	21
1272	Authentication of variable length messages in quantum key distribution. EPJ Quantum Technology, 2022, 9, 8.	2.9	5
1273	Novel Controlled Quantum Dialogue Protocols Without Information Leakage. International Journal of Theoretical Physics, 2022, 61, 1.	0.5	3
1274	Deterministic Remote Preparation of an Arbitrary Single-Qudit State with High-Dimensional Spatial-Mode Entanglement via Linear-Optical Elements. International Journal of Theoretical Physics, 2022, 61, 1.	0.5	10
1275	Quantum Key Distribution for 5G Networks: A Review, State of Art and Future Directions. Future Internet, 2022, 14, 73.	2.4	10
1276	Quantum key distribution using universal hash functions over finite fields. Quantum Information Processing, 2022, 21, 1.	1.0	2
1277	Quantum Key Agreement Protocols with GHZ States Under Collective Noise Channels. International Journal of Theoretical Physics, 2022, 61, 1.	0.5	5
1278	Three-Party Quantum Secure Direct Communication Protocol with Adaptive Capacity. International Journal of Theoretical Physics, 2022, 61, .	0.5	2
1279	An Efficient and Novel Semi-Quantum Deterministic Secure Quantum Communication Protocol. International Journal of Theoretical Physics, 2022, 61, 1.	0.5	4
1280	Sender-controlled measurement-device-independent multiparty quantum communication. Frontiers of Physics, 2022, 17, 1.	2.4	4

#	Article	IF	CITATIONS
1281	One-step device-independent quantum secure direct communication. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	2.0	77
1282	Experimental one-step deterministic polarization entanglement purification. Science Bulletin, 2022, 67, 593-597.	4.3	30
1283	Free electrons can induce entanglement between photons. Npj Quantum Information, 2022, 8, .	2.8	21
1284	Effectively combined multi-party quantum secret sharing and secure direct communication. Optical and Quantum Electronics, 2022, 54, 1.	1.5	7
1285	Semi-Quantum Voting Protocol. International Journal of Theoretical Physics, 2022, 61, 1.	0.5	2
1286	Efficient Multiparty Quantum Key Agreement Using Block-Based Single Particles. International Journal of Theoretical Physics, 2022, 61, 1.	0.5	0
1287	Realization of quantum secure direct communication over 100 km fiber with time-bin and phase quantum states. Light: Science and Applications, 2022, 11, 83.	7.7	66
1288	Entanglement, nonlocal features, quantum teleportation of two-mode squeezed vacuum states with superposition of photon-pair addition and subtraction operations. Optik, 2022, 257, 168744.	1.4	8
1289	Optimization of quantum secret sharing communication using corresponding bits., 2021,,.		2
1290	Deterministic secure quantum communication based on spatial encoding. Quantum Information Processing, 2022, 21, 1.	1.0	4
1291	Quantum entanglement creation for distant quantum memories via time-bin multiplexing. Physical Review A, 2021, 104 , .	1.0	13
1292	Proof-of-principle demonstration of semi-quantum key distribution based on the Mirror protocol. EPJ Quantum Technology, 2021, 8, .	2.9	10
1293	Faithful quantum entanglement purification and concentration using heralded high-fidelity parity-check detectors based on quantum-dot-microcavity systems. Quantum Information Processing, 2022, 21, 1.	1.0	3
1294	Robustness of multipartite entangled states for fermionic systems under noisy channels in non-inertial frames. Physica Scripta, 2021, 96, 125122.	1.2	0
1295	Higher-rate relativistic quantum key distribution. Scientific Reports, 2021, 11, 23543.	1.6	2
1296	Efficient quantum secure direct communication scheme based on single photons. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 150304.	0.2	2
1297	The transmission efficiency analysis for quantum secure direct communications over noisy channels. International Journal of Quantum Information, 0, , .	0.6	1
1298	Efficient Quantum Dialogue Using a Photon in Double Degrees of Freedom. International Journal of Theoretical Physics, 2022, 61, 1.	0.5	6

#	Article	IF	Citations
1299	The circuit design and optimization of quantum multiplier and divider. Science China: Physics, Mechanics and Astronomy, 2022, 65, .	2.0	21
1300	Control power of high-dimensional controlled dense coding. Physical Review A, 2022, 105, .	1.0	6
1301	Efficient generation protocol for the three-level logical entangled states. Quantum Information Processing, 2022, 21, 1.	1.0	0
1302	Effect of Noise in the Quantum Bidirectional Direct Communication Protocol Using Non- maximally Entangled States. International Journal of Theoretical Physics, 2022, 61, 1.	0.5	14
1303	Measurement-device-independent quantum secret sharing with hyper-encoding. Chinese Physics B, 2022, 31, 100302.	0.7	22
1304	Quantum entanglement and coherence of tripartite W state for Dirac fields under noisy channels in non-inertial frames. Physica Scripta, 2022, 97, 075101.	1.2	3
1305	Controlled Quantum Secure Direct Communication Based on Four-Qubit Cluster States and Quantum Search Algorithm. Frontiers in Physics, 0, 10, .	1.0	1
1306	A Connection-Oriented Entanglement Distribution Design in Quantum Networks. IEEE Transactions on Quantum Engineering, 2022, 3, 1-13.	2.9	8
1307	Measurement-based logical qubit entanglement purification. Physical Review A, 2022, 105, .	1.0	19
1308	Improvement of information leakage resistant quantum dialogue with single photons in both polarization and spatial-mode degrees of freedom. International Journal of Theoretical Physics, 2022, 61, .	0.5	6
1309	Quantum Secure Direct Communication with Private Dense Coding Using a General Preshared Quantum State. Physical Review Applied, 2022, 17, .	1.5	24
1310	Deterministic and complete hyperentangled Bell states analysis assisted by frequency and time interval degrees of freedom. Frontiers of Physics, 2022, 17, .	2.4	4
1311	Higher-rate quantum key expansion scheme. Quantum Information Processing, 2022, 21, .	1.0	0
1312	An Evolutionary Pathway for the Quantum Internet Relying on Secure Classical Repeaters. IEEE Network, 2022, 36, 82-88.	4.9	39
1313	Quantum cost of dense coding and teleportation. Physical Review A, 2022, 105, .	1.0	5
1314	Complete analysis of the maximally hyperentangled state via the weak cross-Kerr nonlinearity. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 2272.	0.9	2
1315	Controlled Quantum Secure Direct Communication with Authentication Based on Quantum Search Algorithm. International Journal of Theoretical Physics, 2022, 61, .	0.5	2
1316	Quantum secure direct communication based on single particles. Optical and Quantum Electronics, 2022, 54, .	1.5	3

#	Article	IF	CITATIONS
1317	Authenticated Semi-Quantum Key Distribution Protocol Based on W States. Sensors, 2022, 22, 4998.	2.1	5
1318	Deterministic secure quantum communication against collective noise. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 446, 128291.	0.9	1
1319	Measurement device–independent quantum secure direct communication with user authentication. Quantum Information Processing, 2022, 21, .	1.0	8
1320	Practical multipartite entanglement distribution in noisy channels. Results in Physics, 2022, 40, 105830.	2.0	2
1321	Cryptanalysis and improvement on two party quantum private comparison based on seven-qubit and eight-qubit states. Modern Physics Letters A, 2022, 37, .	0.5	3
1322	Protecting high-dimensional entanglement from decoherence via quantum weak measurement and reversal. Modern Physics Letters A, 2022, 37, .	0.5	6
1323	Single-state multi-party semiquantum key agreement protocol based on multi-particle GHZ entangled states. Quantum Information Processing, 2022, 21, .	1.0	13
1324	Secure communications based on sending-or-not-sending strategy. Quantum Information Processing, 2022, 21, .	1.0	4
1325	High-Fidelity Photonic Three-Degree-of-Freedom Hyperparallel Controlled-Phase-Flip Gate. Frontiers in Physics, 0, 10 , .	1.0	0
1326	QNUS: Reducing Terminal Resources in Quantum Secure Direct Communication Network Using Switches. Quantum Engineering, 2022, 2022, 1-6.	1.2	1
1327	Multi-party quantum private size comparison protocol with d-dimensional Bell states. Frontiers in Physics, 0, 10 , .	1.0	6
1328	Purification for hybrid logical qubit entanglement. Quantum Information Processing, 2022, 21, .	1.0	5
1329	Bidirectional quantum operation teleportation with a six-qubit composite Bell-GHZ state. Laser Physics Letters, 2022, 19, 105203.	0.6	2
1330	Quantum entanglement creation based on quantum scattering in one-dimensional waveguides. Physical Review A, 2022, 106, .	1.0	9
1331	埪²Žä¸€ç§ä¸fé‡å比特æ∙æ€çš"廿−¹é‡åæ"作分享. Scientia Sinica: Physica, Mechanica Et Astronomica,	20.222, , .	0
1332	Complete hyperentangled Greenberger-Horne-Zeilinger state analysis for polarization and time-bin hyperentanglement. Chinese Physics B, 2023, 32, 060301.	0.7	1
1333	Scheme for implementing nonlocal high-fidelity quantum controlled-not gates on quantum-dot-confined electron spins using optical microcavities and photonic hyperentanglement. Frontiers in Physics, 0, 10, .	1.0	3
1334	Measurement-device-independent one-step quantum secure direct communication. Chinese Physics B, 2022, 31, 120303.	0.7	30

#	Article	IF	Citations
1335	Quantum Correlation Swapping between Two Werner States Undergoing Local and Nonlocal Unitary Operations. Entropy, 2022, 24, 1244.	1.1	1
1336	Multi-party semi-quantum secure direct communication using Greenberger–Horne–Zeilinger states. Quantum Information Processing, 2022, 21, .	1.0	3
1337	Self-assisted deterministic hyperentangled-Bell-state analysis for polarization and double longitudinal momentum degrees of freedom of photon system. , 0, 1, .		0
1338	A parallel double scrambling encryption scheme for MQIR image based on random combination. Physica A: Statistical Mechanics and Its Applications, 2022, 607, 128225.	1.2	2
1339	Efficient tripartite scheme of remotely sharing single-qubit operation with five-qubit Brown state. Modern Physics Letters A, 2022, 37, .	0.5	3
1340	Hyper-parallel nonlocal Toffoli gates assisted by quantum dots inside a double-side optical microcavity. Scientia Sinica: Physica, Mechanica Et Astronomica, 2022, 52, 120314.	0.2	1
1341	Double-Direction Cyclic Controlled Remote Implementation of Partially Known Quantum Operations. International Journal of Theoretical Physics, 2022, 61, .	0.5	2
1342	Counterfactual Anonymous Quantum Teleportation in the Presence of Adversarial Attacks and Channel Noise. Sensors, 2022, 22, 7587.	2.1	1
1343	An improved quantum key agreement protocol with authentication. Chinese Physics B, O, , .	0.7	0
1344	Analyses and optimizing of bidirectional quantum teleportation using a five-qubit cluster state as quantum channel. Laser Physics Letters, 2022, 19, 125201.	0.6	2
1345	Quantum encryption with quantum permutation pad in IBMQ systems. EPJ Quantum Technology, 2022, 9, .	2.9	12
1346	Multi-party semi-quantum key distribution protocol based on hyperentangled Bell states. Frontiers in Physics, 0, 10, .	1.0	2
1347	Detecting and embedding high-dimensional genuine multipartite entanglement states. Quantum Information Processing, 2022, 21, .	1.0	0
1348	Encryption chain based on measurement result and its applications on semi-quantum key distribution protocol. Scientific Reports, 2022, 12, .	1.6	2
1349	Quantum secure direct communication scheme with identity authentication. Wuli Xuebao/Acta Physica Sinica, 2023, 72, 020302.	0.2	1
1350	Bidirectional remote hyperstate preparation under common quantum control using hyperentanglement. Journal of the Optical Society of America B: Optical Physics, 2023, 40, 11 .	0.9	1
1351	Fiber-based quantum secure direct communication without active polarization compensation. Science China: Physics, Mechanics and Astronomy, 2022, 65, .	2.0	25
1352	Protecting nonlocal quantum correlations in correlated squeezed generalized amplitude damping channel. Scientific Reports, 2022, 12, .	1.6	3

#	ARTICLE	IF	CITATIONS
1353	Semiquantum secret sharing by using χ-type states. European Physical Journal Plus, 2022, 137, .	1.2	8
1354	Quantum Key Distribution Based on Orthogonal State Encoding. International Journal of Theoretical Physics, 2022, 61, .	0.5	3
1355	Fast and Robust Nondestructive Parity Meter for Catâ€6tate Qubits via Reverse Engineering and Optimal Control. Annalen Der Physik, 2023, 535, .	0.9	1
1356	Controlled secure direct quantum communication inspired scheme for quantum identity authentication. Quantum Information Processing, 2023, 22, .	1.0	15
1357	Quantumâ€Errorâ€Rejection for Hyperentanglement Transmission without Calibrated Reference Frames. Annalen Der Physik, 2023, 535, .	0.9	1
1358	Device-Independent Quantum Secure Direct Communication with Single-Photon Sources. Physical Review Applied, 2023, 19, .	1.5	30
1359	Absolutely secure distributed superdense coding: entanglement requirement for optimality. Physica Scripta, 2023, 98, 025104.	1.2	2
1360	Multiple-participant measurement-device-independent quantum secret sharing protocol based on entanglement swapping. Laser Physics Letters, 2023, 20, 025203.	0.6	9
1361	Cryptanalysis and improvement of the measurement-device-independent quantum key distribution with hyper-encoding. Modern Physics Letters A, 2022, 37, .	0.5	0
1362	Interactive entanglement in hybrid opto-magno-mechanics system. Quantum Information Processing, 2023, 22, .	1.0	0
1363	Impact of asymmetry of Razavy-type coupled well system and static electric field on the time-dynamical studies of entanglement. European Physical Journal Plus, 2023, 138, .	1.2	1
1364	Continuous variable quantum conference network with a Greenberger–Horne–Zeilinger entangled state. Photonics Research, 2023, 11, 533.	3.4	2
1365	Comparing bound entanglement of bell diagonal pairs of qutrits and ququarts. Scientific Reports, 2023, 13, .	1.6	5
1366	Quantum direct communication protocol using recurrence in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>k</mml:mi></mml:math> -cycle quantum walks. Physical Review A, 2023, 107, .	1.0	6
1367	One-Sided Measurement-Device-Independent Practical Quantum Secure Direct Communication. Journal of Lightwave Technology, 2023, 41, 4680-4690.	2.7	2
1368	Statistical fluctuation analysis for decoy-state quantum secure direct communication. Quantum Information Processing, 2023, 22, .	1.0	4
1369	Quantum encryption of superposition states with quantum permutation pad in IBM quantum computers. EPJ Quantum Technology, 2023, 10, .	2.9	7
1370	Hierarchical controlled remote preparation of an arbitrary m-qudit state with four-qudit cluster states. Quantum Information Processing, 2023, 22, .	1.0	8

#	Article	IF	CITATIONS
1371	Parallel and heralded multiqubit entanglement generation for quantum networks. Physical Review A, 2023, 107, .	1.0	9
1372	Comment on "Controlled Bidirectional Quantum Secure Direct Communication with Six-Qubit Entangled States― International Journal of Theoretical Physics, 2023, 62, .	0.5	1
1373	Free-Space Quantum Secure Direct Communication: Basics, Progress, and Outlook. Advanced Devices & Instrumentation, 2023, 4, .	4.0	12
1374	Single-Photon-Memory Measurement-Device-Independent Quantum Secure Direct Communication—Part II: A Practical Protocol and its Secrecy Capacity. IEEE Communications Letters, 2023, 27, 1060-1064.	2.5	3
1375	A Quantum Dialogue Reduced by half Unitary Operations. International Journal of Theoretical Physics, 2023, 62, .	0.5	0
1376	Measurementâ€Based Hyperentanglement Distillation for Lossy and Distortion Photon State. Annalen Der Physik, 2023, 535, .	0.9	2
1377	Negativity vs. purity and entropy in witnessing entanglement. Scientific Reports, 2023, 13, .	1.6	2
1378	Controlled remote state preparation of single-particle state under noisy channels with memory. Quantum Information Processing, 2023, 22, .	1.0	5
1379	Quantum communication through devices with indefinite input-output direction. New Journal of Physics, 2023, 25, 043017.	1.2	0
1380	Advances in quantum entanglement purification. Science China: Physics, Mechanics and Astronomy, 2023, 66, .	2.0	26
1381	Strong quantum nonlocality without entanglement in an <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>n</mml:mi></mml:math> -partite system with even <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>n</mml:mi></mml:math> . Physical Review A, 2023, 107, .	1.0	4
1382	Influences of noisy channels on quantum coherence and entanglement of W state in noninertial frame. Physica Scripta, 0, , .	1.2	1
1402	Recent progress in quantum photonic chips for quantum communication and internet. Light: Science and Applications, 2023, 12, .	7.7	21
1431	Discussion on the initial states of controlled bidirectional quantum secure direct communication. Quantum Information Processing, 2023, 22, .	1.0	0
1432	A Taxonomy of QKA Protocols Based on the BB84. , 2023, , .		0
1433	An efficient modification to the ping-pong protocol to enhance the security. AIP Conference Proceedings, 2023, , .	0.3	0
1438	Efficient QSDC with Identity Authentication. , 2023, , .		0
1450	Quantum Cryptography. Advances in Computer and Electrical Engineering Book Series, 2024, , 378-398.	0.2	0

ARTICLE IF CITATIONS

1451 Improved Quantum Identity Authentication Protocol Based on Quantum Secure Direct Communication. Lecture Notes in Electrical Engineering, 2024, , 390-398.