List of Publications by Year
in descending order

136 papers	1,611 citations	394421 19 h-index	414414 32 g-index
137 all docs	137 docs citations	137 times ranked	438 citing authors

#	Article	IF	Citations
1	Practical continuous-variable quantum secret sharing using plug-and-play dual-phase modulation. Optics Express, 2022, 30, 3876.	3.4	11
2	Short-wave infrared continuous-variable quantum key distribution over satellite-to-submarine channels. Chinese Physics B, 2022, 31, 060306.	1.4	1
3	Kalman filter-enabled parameter estimation for simultaneous quantum key distribution and classical communication scheme over a satellite-mediated link. Optics Express, 2022, 30, 5981.	3.4	6
4	Satellite-to-submarine quantum communication based on measurement-device-independent continuous-variable quantum key distribution. Quantum Information Processing, 2022, 21, 1.	2.2	11
5	Photon subtraction-based continuous-variable measurement-device-independent quantum key distribution with discrete modulation over a fiber-to-water channel. Communications in Theoretical Physics, 2022, 74, 035104.	2.5	1
6	Continuous variable quantum teleportation through turbulent channels. Physica Scripta, 2022, 97, 045103.	2.5	5
7	Counteracting a Saturation Attack in Continuous-Variable Quantum Key Distribution Using an Adjustable Optical Filter Embedded in Homodyne Detector. Entropy, 2022, 24, 383.	2.2	2
8	Discrete Modulation Continuous Variable Quantum Secret Sharing. International Journal of Theoretical Physics, 2022, 61, 1.	1.2	0
9	Performance Analysis of Continuous Variable Quantum Teleportation with Noiseless Linear Amplifier in Seawater Channel. Symmetry, 2022, 14, 997.	2.2	3
10	Monte Carlo-based security analysis for multi-mode continuous-variable quantum key distribution over underwater channel. Quantum Information Processing, 2022, 21, .	2.2	9
11	Orbital angular momentum-encoded quantum digital signature over atmospheric channel. Quantum Information Processing, 2022, 21, .	2.2	5
12	Practical security of continuous-variable quantum key distribution involving saturation attack with finite-size analysis. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 255303.	2.1	1
13	Machine Learning Assisted Prediction for Free-Space Continuous Variable Quantum Teleportation. IEEE Photonics Journal, 2022, 14, 1-7.	2.0	0
14	Wavelength attack on atmospheric continuous-variable quantum key distribution. Physical Review A, 2021, 103, .	2.5	6
15	Enhancing discrete-modulated continuous-variable measurement-device-independent quantum key distribution via quantum catalysis. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 045501.	1.5	5
16	Passive continuous-variable quantum key distribution using a locally generated local oscillator. Physical Review A, 2021, 103, .	2.5	16
17	Quantum secret sharing using discretely modulated coherent states. Physical Review A, 2021, 103, .	2.5	50
18	Improving the discretely modulated underwater continuous-variable quantum key distribution with heralded hybrid linear amplifier. Physica Scripta, 2021, 96, 065103.	2.5	9

#	Article	IF	Citations
19	Generation of nonclassical states by superposition of number-conserving operations on squeezed thermal state. Physica Scripta, 2021, 96, 075102.	2.5	1
20	Improving the Discrete-Modulated Continuous-Variable Measurement-Device-Independent Quantum Key Distribution with Quantum Scissors. International Journal of Theoretical Physics, 2021, 60, 1949-1962.	1.2	4
21	Trans-Media Continuous-Variable Quantum Key Distribution via Untrusted Entanglement Source. IEEE Photonics Journal, 2021, 13, 1-12.	2.0	3
22	Continuous-variable quantum key distribution coexisting with classical signals on few-mode fiber. Optics Express, 2021, 29, 14486.	3.4	8
23	Multi-mode plug-and-play dual-phase-modulated continuous-variable quantum key distribution. Quantum Information Processing, 2021, 20, 1.	2.2	2
24	Passive-state preparation for continuous variable quantum key distribution in atmospheric channel. Quantum Information Processing, 2021, 20, 1.	2.2	3
25	Overcoming the uplink limit of satellite-based quantum communication with deterministic quantum teleportation. Physical Review A, 2021, 104, .	2.5	14
26	High-Rate Continuous-Variable Quantum Key Distribution with Orbital Angular Momentum Multiplexing. Entropy, 2021, 23, 1187.	2.2	3
27	Performance improvement of unidimensional continuous-variable quantum key distribution using zero-photon quantum catalysis. Quantum Information Processing, 2021, 20, 1.	2.2	2
28	Continuous-Variable Quantum Key Distribution Based on Heralded Hybrid Linear Amplifier with a Local Local Oscillator. Entropy, 2021, 23, 1395.	2.2	1
29	Ensemble learning for failure prediction of underwater continuous variable quantum key distribution with discrete modulations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 419, 127694.	2.1	7
30	Noiseless Attenuation for Continuous-Variable Quantum Key Distribution over Ground-Satellite Uplink. Applied Sciences (Switzerland), 2021, 11, 11289.	2.5	2
31	Security of quantum communications in oceanic turbulence. Physical Review A, 2021, 104, .	2.5	12
32	Security Analysis of a Passive Continuous-Variable Quantum Key Distribution by Considering Finite-Size Effect. Entropy, 2021, 23, 1698.	2.2	2
33	Performance improvement of unidimensional continuous-variable quantum key distribution using heralded hybrid linear amplifier. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126074.	2.1	2
34	Phase-noise estimation using Bayesian inference for discretely modulated measurement-device-independent continuous-variable quantum key distribution. Physical Review A, 2020, 102, .	2.5	4
35	Continuous-variable measurement-device-independent quantum key distribution via quantum catalysis. Quantum Information Processing, 2020, 19, 1.	2.2	18
36	Nonclassicality and entanglement properties of non-Gaussian entangled states via a superposition of number-conserving operations. Quantum Information Processing, 2020, 19, 1.	2.2	7

#	Article	IF	Citations
37	Improving Underwater Continuous-Variable Measurement-Device-Independent Quantum Key Distribution via Zero-Photon Catalysis. Entropy, 2020, 22, 571.	2.2	9
38	Performance improvement of plug-and-play dual-phase-modulated continuous-variable quantum key distribution with quantum catalysis. Quantum Information Processing, 2020, 19, 1.	2.2	5
39	Lengthening Transmission Distance of Continuous Variable Quantum Key Distribution with Discrete Modulation through Photon Catalyzing. Applied Sciences (Switzerland), 2020, 10, 7770.	2.5	0
40	Virtual zero-photon catalysis for improving continuous-variable quantum key distribution via Gaussian post-selection. Scientific Reports, 2020, 10, 17526.	3.3	2
41	Discretely modulated continuous-variable quantum key distribution with an untrusted entanglement source. Physical Review A, 2020, 102, .	2.5	34
42	Monte Carlo-Based Performance Analysis for Underwater Continuous-Variable Quantum Key Distribution. Applied Sciences (Switzerland), 2020, 10, 5744.	2.5	11
43	Improving Continuous Variable Quantum Secret Sharing with Weak Coherent States. Applied Sciences (Switzerland), 2020, 10, 2411.	2.5	2
44	Parameter estimation of orbital angular momentum based continuous-variable quantum key distribution. Journal of Applied Physics, 2020, 127, 213102.	2.5	6
45	Nonclassicality and entanglement of single-photon catalysis-assisted two-mode squeezed coherent state. Optics Communications, 2020, 474, 126103.	2.1	9
46	Hybrid linear amplifier-involved detection for continuous variable quantum key distribution with thermal states*. Chinese Physics B, 2020, 29, 050309.	1.4	11
47	Hidden-Markov-model-based calibration-attack recognition for continuous-variable quantum key distribution. Physical Review A, 2020, 101, .	2.5	18
48	Photon Subtraction-Induced Plug-and-Play Scheme for Enhancing Continuous-Variable Quantum Key Distribution with Discrete Modulation. Applied Sciences (Switzerland), 2020, 10, 4175.	2.5	2
49	Continuous Variable Quantum Secret Sharing with Fairness. Applied Sciences (Switzerland), 2020, 10, 189.	2.5	2
50	Simultaneous measurement-device-independent continuous variable quantum key distribution with realistic detector compensation. Frontiers of Physics, 2020, 15, 1.	5.0	16
51	Quantum Secret Sharing Based on Continuous-Variable GHZ States. International Journal of Theoretical Physics, 2020, 59, 2308-2320.	1.2	3
52	Quantum catalysis-assisted attenuation for improving free-space continuous-variable quantum key distribution. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 185501.	1.5	12
53	Quantum catalysis-based discrete modulation continuous variable quantum key distribution with eight states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126340.	2.1	9
54	Detecting quantum attacks: a machine learning based defense strategy for practical continuous-variable quantum key distribution. New Journal of Physics, 2020, 22, 083073.	2.9	33

#	Article	IF	Citations
55	Multi-label learning for improving discretely-modulated continuous-variable quantum key distribution. New Journal of Physics, 2020, 22, 083086.	2.9	31
56	Atmospheric effects on satellite-mediated continuous-variable quantum key distribution. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 465302.	2.1	16
57	Indoor channel modeling for continuous variable quantum key distribution in the terahertz band. Optics Express, 2020, 28, 32386.	3.4	12
58	Discrete modulation continuous-variable quantum key distribution based on quantum catalysis. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 060301.	0.5	16
59	Simultaneous Classical Communication and Quantum Key Distribution Based on Plug-and-Play Configuration with an Optical Amplifier. Entropy, 2019, 21, 333.	2.2	10
60	Performance improvement of free-space continuous-variable quantum key distribution with an adaptive optics unit. Quantum Information Processing, 2019, 18, 1.	2.2	9
61	Security analysis of passive measurement-device-independent continuous-variable quantum key distribution with almost no public communication. Quantum Information Processing, 2019, 18, 1.	2.2	14
62	Continuous Variable Quantum Secret Sharing with Chinese Remainder Theorem. International Journal of Theoretical Physics, 2019, 58, 3986-3997.	1.2	6
63	Compressed-Sensing-based Gradient Reconstruction for Ghost Imaging. International Journal of Theoretical Physics, 2019, 58, 1215-1226.	1.2	11
64	Enhancing continuous variable quantum key distribution with a heralded hybrid linear amplifier. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 245303.	2.1	12
65	Plug-and-play unidimensional continuous-variable quantum key distribution. Quantum Information Processing, 2019, 18, 1.	2.2	7
66	Continuous-variable quantum key distribution with non-Gaussian quantum catalysis. Physical Review A, 2019, 99, .	2.5	89
67	Quantum Byzantine Agreement with Tripartite Entangled States. International Journal of Theoretical Physics, 2019, 58, 1482-1498.	1.2	6
68	Plug-and-play dual-phase-modulated continuous-variable quantum key distribution with photon subtraction. Frontiers of Physics, 2019, 14, 1.	5.0	20
69	Improving Eight-State Continuous Variable Quantum Key Distribution by Applying Photon Subtraction. Applied Sciences (Switzerland), 2019, 9, 1333.	2.5	3
70	Arbitrated quantum signature scheme with quantum walk-based teleportation. Quantum Information Processing, 2019, 18, 1.	2.2	29
71	Security Analysis of Discrete-Modulated Continuous-Variable Quantum Key Distribution over Seawater Channel. Applied Sciences (Switzerland), 2019, 9, 4956.	2.5	14
72	Performance Improvement of Underwater Continuous-Variable Quantum Key Distribution via Photon Subtraction. Entropy, 2019, 21, 1011.	2.2	11

#	Article	IF	Citations
73	Performance analysis of the satellite-to-ground continuous-variable quantum key distribution with orthogonal frequency division multiplexed modulation. Quantum Information Processing, 2019, 18, 1.	2.2	24
74	Phase noise estimation using Bayesian inference for continuous-variable quantum key distribution. Optics Express, 2019, 27, 1838.	3.4	9
75	Improvement of self-referenced continuous-variable quantum key distribution with quantum photon catalysis. Optics Express, 2019, 27, 17186.	3.4	63
76	Optical frequency comb-based multichannel parallel continuous-variable quantum key distribution. Optics Express, 2019, 27, 25314.	3.4	16
77	Arbitrated quantum signature scheme based on quantum walks. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 120302.	0.5	9
78	Block-compressed-sensing-based reconstruction algorithm for ghost imaging. OSA Continuum, 2019, 2, 2834.	1.8	5
79	Composable security of unidimensional continuous-variable quantum key distribution. Quantum Information Processing, 2018, 17, 1.	2.2	16
80	Long-distance continuous-variable quantum key distribution using non-Gaussian state-discrimination detection. New Journal of Physics, 2018, 20, 023015.	2.9	47
81	Coherent attacking continuous-variable quantum key distribution with entanglement in the middle. Quantum Information Processing, 2018, 17, 1.	2.2	5
82	Self-referenced continuous-variable measurement-device-independent quantum key distribution. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1149-1156.	2.1	6
83	Arbitrated quantum signature scheme with continuous-variable squeezed vacuum states. Chinese Physics B, 2018, 27, 020302.	1.4	16
84	Continuous-variable Measurement-device-independent Quantum Relay Network with Phase-sensitive Amplifiers. International Journal of Theoretical Physics, 2018, 57, 112-126.	1.2	3
85	Performance improvement of eight-state continuous-variable quantum key distribution with an optical amplifier. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 372-381.	2.1	25
86	Performance Analysis of Continuous-Variable Quantum Key Distribution with Multi-Core Fiber. Applied Sciences (Switzerland), 2018, 8, 1951.	2.5	4
87	A Fast Quantum Clustering Approach for Cancer Gene Clustering. , 2018, , .		2
88	Security Simulation of Continuous-Variable Quantum Key Distribution over Air-to-Water Channel Using Monte Carlo Method. Chinese Physics Letters, 2018, 35, 090302.	3.3	10
89	Improving the Maximum Transmission Distance of Self-Referenced Continuous-Variable Quantum Key Distribution Using a Noiseless Linear Amplifier. Entropy, 2018, 20, 461.	2.2	2
90	Long-distance continuous-variable quantum key distribution using separable Gaussian states. Physical Review A, 2018, 98, .	2.5	14

#	Article	IF	Citations
91	Multipartite Continuous Variable Quantum Conferencing Network with Entanglement in the Middle. Applied Sciences (Switzerland), 2018, 8, 1312.	2.5	8
92	Enhancing of Self-Referenced Continuous-Variable Quantum Key Distribution with Virtual Photon Subtraction. Entropy, 2018, 20, 578.	2.2	10
93	Finite-size analysis of eight-state continuous-variable quantum key distribution with the linear optics cloning machine. Chinese Physics B, 2018, 27, 090307.	1.4	5
94	Channel-parameter estimation for satellite-to-submarine continuous-variable quantum key distribution. Physical Review A, 2018, 97, .	2.5	53
95	Dual-phase-modulated plug-and-play measurement-device-independent continuous-variable quantum key distribution. Optics Express, 2018, 26, 19907.	3.4	24
96	Blind Quantum Signature with Blind Quantum Computation. International Journal of Theoretical Physics, 2017, 56, 1108-1115.	1.2	8
97	Continuous-Variable Measurement-Device-Independent Multipartite Quantum Communication Using Coherent States. Journal of the Physical Society of Japan, 2017, 86, 024003.	1.6	5
98	Multipartite Continuous-Variable Entanglement Distribution with Separable Gaussian States. International Journal of Theoretical Physics, 2017, 56, 1685-1693.	1.2	1
99	Controlling Continuous-Variable Quantum Key Distribution with Entanglement in the Middle Using Tunable Linear Optics Cloning Machines. International Journal of Theoretical Physics, 2017, 56, 415-426.	1.2	4
100	Network-based Arbitrated Quantum Signature Scheme with Graph State. International Journal of Theoretical Physics, 2017, 56, 2551-2561.	1.2	7
101	Entanglement-distillation attack on continuous-variable quantum key distribution in a turbulent atmospheric channel. Physical Review A, 2017, 96, .	2.5	42
102	Performance improvement of continuous-variable quantum key distribution with an entangled source in the middle via photon subtraction. Physical Review A, 2017, 95, .	2.5	70
103	Balancing four-state continuous-variable quantum key distribution with linear optics cloning machine. Chinese Physics B, 2017, 26, 110304.	1.4	5
104	Blind Quantum Signature with Controlled Four-Particle Cluster States. International Journal of Theoretical Physics, 2017, 56, 2579-2587.	1.2	13
105	Quantum relay schemes for continuous-variable quantum key distribution. Physical Review A, 2017, 95, .	2.5	21
106	A Robust Manifold Graph Regularized Nonnegative Matrix Factorization Algorithm for Cancer Gene Clustering. Molecules, 2017, 22, 2131.	3.8	14
107	Quantum anonymous voting with unweighted continuous-variable graph states. Quantum Information Processing, 2016, 15, 3327-3345.	2.2	6
108	Quantum blind dual-signature scheme without arbitrator. Physica Scripta, 2016, 91, 035101.	2.5	9

#	Article	IF	Citations
109	Graph State-Based Quantum Secret Sharing with the Chinese Remainder Theorem. International Journal of Theoretical Physics, 2016, 55, 4936-4950.	1.2	1
110	Continuous-variable measurement-device-independent multipartite quantum communication. Physical Review A, 2016, 93, .	2.5	56
111	Anonymous voting for multi-dimensional CV quantum system. Chinese Physics B, 2016, 25, 060301.	1.4	3
112	Source-Manipulating Wavelength-Dependent Continuous-Variable Quantum Key Distribution with Heterodyne Detectors. International Journal of Theoretical Physics, 2016, 55, 2417-2427.	1.2	0
113	Arbitrated Quantum Signature Scheme with Continuous-Variable Coherent States. International Journal of Theoretical Physics, 2016, 55, 2290-2302.	1.2	24
114	Fast Jacket-Haar Transform with Any Size. Mathematical Problems in Engineering, 2015, 2015, 1-11.	1.1	0
115	Continuous-variable quantum key distribution under the local oscillator intensity attack with noiseless linear amplifier. Quantum Information Processing, 2015, 14, 3041-3056.	2.2	5
116	Deterministic Polarization Entanglement Purification of Ï‡-type entangled states in Multiple Degrees of Freedom. International Journal of Theoretical Physics, 2015, 54, 358-367.	1.2	0
117	A Weak Quantum Blind Signature with Entanglement Permutation. International Journal of Theoretical Physics, 2015, 54, 3283-3292.	1.2	14
118	Controlling Continuous-Variable Quantum Key Distribution with Tuned Linear Optics Cloning Machines. Journal of the Physical Society of Japan, 2015, 84, 094003.	1.6	4
119	Balancing continuous-variable quantum key distribution with source-tunable linear optics cloning machine. Quantum Information Processing, 2015, 14, 4323-4338.	2.2	14
120	Arbitrary-Length Jacket-Haar Transforms. Lecture Notes in Computer Science, 2015, , 330-343.	1.3	2
121	Photon-monitoring attack on continuous-variable quantum key distribution with source in middle. Quantum Information Processing, 2014, 13, 2745-2757.	2.2	4
122	A Chaos-based Arbitrated Quantum Signature Scheme in Quantum Crypotosystem. International Journal of Theoretical Physics, 2014, 53, 28-38.	1.2	16
123	On the Fast Fractional Jacket Transform. Circuits, Systems, and Signal Processing, 2014, 33, 1491-1505.	2.0	2
124	On implementing nondestructive triplet Toffoli gate with entanglement swapping operations via the GHZ state analysis. Quantum Information Processing, 2014, 13, 2039-2047.	2.2	5
125	Deterministic Entanglement Purification of the Greenberger-Horne-Zeilinger States in Quantum-Dot and Micro-cavity Coupled System. International Journal of Theoretical Physics, 2014, 53, 2304-2311.	1.2	1
126	Optimal Entanglement Concentration of the Greenberger-Horne-Zeilinger States in Quantum-dot and Micro-cavity Coupled System. International Journal of Theoretical Physics, 2014, 53, 2538-2548.	1.2	1

#	Article	IF	Citations
127	Polar quantum channel coding with optical multi-qubit entangling gates for capacity-achieving channels. Quantum Information Processing, 2013, 12, 1659-1676.	2.2	7
128	Deterministic Frequency-Based Polarization Entanglement Concentration with the Multipartite Less-Hyperentangled State. International Journal of Theoretical Physics, 2013, 52, 3615-3623.	1.2	0
129	AN ARBITRATED QUANTUM SIGNATURE SCHEME BASED ON HYPERCHAOTIC QUANTUM CRYPTOSYSTEM. International Journal of Quantum Information, 2013, 11, 1350036.	1.1	3
130	The Dining Cryptographer Problem-Based Anonymous Quantum Communication via Non-maximally Entanglement State Analysis. International Journal of Theoretical Physics, 2013, 52, 376-384.	1.2	7
131	On Quantum Secret Sharing via Chinese Remainder Theorem with the Non-maximally Entanglement State Analysis. International Journal of Theoretical Physics, 2013, 52, 539-548.	1.2	26
132	High-efficient quantum secret sharing based on the Chinese remainder theorem via the orbital angular momentum entanglement analysis. Quantum Information Processing, 2013, 12, 1125-1139.	2.2	19
133	Quantum Secret Sharing Based on Chinese Remainder Theorem. Communications in Theoretical Physics, 2011, 55, 573-578.	2.5	8
134	Fast quantum codes based on Pauli block jacket matrices. Quantum Information Processing, 2009, 8, 361-378.	2.2	7
135	Large-capability quantum key distribution with entangled qutrits. Optics Communications, 2008, 281, 3938-3942.	2.1	10
136	CONTINUOUS VARIABLE QUANTUM SIGNATURE ALGORITHM. International Journal of Quantum Information, 2007, 05, 553-573.	1.1	53