

## List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Practical continuous-variable quantum secret sharing using plug-and-play dual-phase modulation. <i>Optics Express</i> , 2022, 30, 3876.	1.7	11
2	Short-wave infrared continuous-variable quantum key distribution over satellite-to-submarine channels. <i>Chinese Physics B</i> , 2022, 31, 060306.	0.7	1
3	Kalman filter-enabled parameter estimation for simultaneous quantum key distribution and classical communication scheme over a satellite-mediated link. <i>Optics Express</i> , 2022, 30, 5981.	1.7	6
4	Satellite-to-submarine quantum communication based on measurement-device-independent continuous-variable quantum key distribution. <i>Quantum Information Processing</i> , 2022, 21, 1.	1.0	11
5	Photon subtraction-based continuous-variable measurement-device-independent quantum key distribution with discrete modulation over a fiber-to-water channel. <i>Communications in Theoretical Physics</i> , 2022, 74, 035104.	1.1	1
6	Continuous variable quantum teleportation through turbulent channels. <i>Physica Scripta</i> , 2022, 97, 045103.	1.2	5
7	Counteracting a Saturation Attack in Continuous-Variable Quantum Key Distribution Using an Adjustable Optical Filter Embedded in Homodyne Detector. <i>Entropy</i> , 2022, 24, 383.	1.1	2
8	Discrete Modulation Continuous Variable Quantum Secret Sharing. <i>International Journal of Theoretical Physics</i> , 2022, 61, 1.	0.5	0
9	Performance Analysis of Continuous Variable Quantum Teleportation with Noiseless Linear Amplifier in Seawater Channel. <i>Symmetry</i> , 2022, 14, 997.	1.1	3
10	Monte Carlo-based security analysis for multi-mode continuous-variable quantum key distribution over underwater channel. <i>Quantum Information Processing</i> , 2022, 21, .	1.0	9
11	Orbital angular momentum-encoded quantum digital signature over atmospheric channel. <i>Quantum Information Processing</i> , 2022, 21, .	1.0	5
12	Practical security of continuous-variable quantum key distribution involving saturation attack with finite-size analysis. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 255303.	0.7	1
13	Machine Learning Assisted Prediction for Free-Space Continuous Variable Quantum Teleportation. <i>IEEE Photonics Journal</i> , 2022, 14, 1-7.	1.0	0
14	Wavelength attack on atmospheric continuous-variable quantum key distribution. <i>Physical Review A</i> , 2021, 103, .	1.0	6
15	Enhancing discrete-modulated continuous-variable measurement-device-independent quantum key distribution via quantum catalysis. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 045501.	0.6	5
16	Passive continuous-variable quantum key distribution using a locally generated local oscillator. <i>Physical Review A</i> , 2021, 103, .	1.0	16
17	Quantum secret sharing using discretely modulated coherent states. <i>Physical Review A</i> , 2021, 103, .	1.0	50
18	Improving the discretely modulated underwater continuous-variable quantum key distribution with heralded hybrid linear amplifier. <i>Physica Scripta</i> , 2021, 96, 065103.	1.2	9

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19	Generation of nonclassical states by superposition of number-conserving operations on squeezed thermal state. <i>Physica Scripta</i> , 2021, 96, 075102.	1.2	1
20	Improving the Discrete-Modulated Continuous-Variable Measurement-Device-Independent Quantum Key Distribution with Quantum Scissors. <i>International Journal of Theoretical Physics</i> , 2021, 60, 1949-1962.	0.5	4
21	Trans-Media Continuous-Variable Quantum Key Distribution via Untrusted Entanglement Source. <i>IEEE Photonics Journal</i> , 2021, 13, 1-12.	1.0	3
22	Continuous-variable quantum key distribution coexisting with classical signals on few-mode fiber. <i>Optics Express</i> , 2021, 29, 14486.	1.7	8
23	Multi-mode plug-and-play dual-phase-modulated continuous-variable quantum key distribution. <i>Quantum Information Processing</i> , 2021, 20, 1.	1.0	2
24	Passive-state preparation for continuous variable quantum key distribution in atmospheric channel. <i>Quantum Information Processing</i> , 2021, 20, 1.	1.0	3
25	Overcoming the uplink limit of satellite-based quantum communication with deterministic quantum teleportation. <i>Physical Review A</i> , 2021, 104, .	1.0	14
26	High-Rate Continuous-Variable Quantum Key Distribution with Orbital Angular Momentum Multiplexing. <i>Entropy</i> , 2021, 23, 1187.	1.1	3
27	Performance improvement of unidimensional continuous-variable quantum key distribution using zero-photon quantum catalysis. <i>Quantum Information Processing</i> , 2021, 20, 1.	1.0	2
28	Continuous-Variable Quantum Key Distribution Based on Heralded Hybrid Linear Amplifier with a Local Local Oscillator. <i>Entropy</i> , 2021, 23, 1395.	1.1	1
29	Ensemble learning for failure prediction of underwater continuous variable quantum key distribution with discrete modulations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 419, 127694.	0.9	7
30	Noiseless Attenuation for Continuous-Variable Quantum Key Distribution over Ground-Satellite Uplink. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11289.	1.3	2
31	Security of quantum communications in oceanic turbulence. <i>Physical Review A</i> , 2021, 104, .	1.0	12
32	Security Analysis of a Passive Continuous-Variable Quantum Key Distribution by Considering Finite-Size Effect. <i>Entropy</i> , 2021, 23, 1698.	1.1	2
33	Performance improvement of unidimensional continuous-variable quantum key distribution using heralded hybrid linear amplifier. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126074.	0.9	2
34	Phase-noise estimation using Bayesian inference for discretely modulated measurement-device-independent continuous-variable quantum key distribution. <i>Physical Review A</i> , 2020, 102, .	1.0	4
35	Continuous-variable measurement-device-independent quantum key distribution via quantum catalysis. <i>Quantum Information Processing</i> , 2020, 19, 1.	1.0	18
36	Nonclassicality and entanglement properties of non-Gaussian entangled states via a superposition of number-conserving operations. <i>Quantum Information Processing</i> , 2020, 19, 1.	1.0	7

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37	Improving Underwater Continuous-Variable Measurement-Device-Independent Quantum Key Distribution via Zero-Photon Catalysis. <i>Entropy</i> , 2020, 22, 571.	1.1	9
38	Performance improvement of plug-and-play dual-phase-modulated continuous-variable quantum key distribution with quantum catalysis. <i>Quantum Information Processing</i> , 2020, 19, 1.	1.0	5
39	Lengthening Transmission Distance of Continuous Variable Quantum Key Distribution with Discrete Modulation through Photon Catalyzing. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7770.	1.3	0
40	Virtual zero-photon catalysis for improving continuous-variable quantum key distribution via Gaussian post-selection. <i>Scientific Reports</i> , 2020, 10, 17526.	1.6	2
41	Discretely modulated continuous-variable quantum key distribution with an untrusted entanglement source. <i>Physical Review A</i> , 2020, 102, .	1.0	34
42	Monte Carlo-Based Performance Analysis for Underwater Continuous-Variable Quantum Key Distribution. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5744.	1.3	11
43	Improving Continuous Variable Quantum Secret Sharing with Weak Coherent States. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2411.	1.3	2
44	Parameter estimation of orbital angular momentum based continuous-variable quantum key distribution. <i>Journal of Applied Physics</i> , 2020, 127, 213102.	1.1	6
45	Nonclassicality and entanglement of single-photon catalysis-assisted two-mode squeezed coherent state. <i>Optics Communications</i> , 2020, 474, 126103.	1.0	9
46	Hybrid linear amplifier-involved detection for continuous variable quantum key distribution with thermal states*. <i>Chinese Physics B</i> , 2020, 29, 050309.	0.7	11
47	Hidden-Markov-model-based calibration-attack recognition for continuous-variable quantum key distribution. <i>Physical Review A</i> , 2020, 101, .	1.0	18
48	Photon Subtraction-Induced Plug-and-Play Scheme for Enhancing Continuous-Variable Quantum Key Distribution with Discrete Modulation. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4175.	1.3	2
49	Continuous Variable Quantum Secret Sharing with Fairness. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 189.	1.3	2
50	Simultaneous measurement-device-independent continuous variable quantum key distribution with realistic detector compensation. <i>Frontiers of Physics</i> , 2020, 15, 1.	2.4	16
51	Quantum Secret Sharing Based on Continuous-Variable GHZ States. <i>International Journal of Theoretical Physics</i> , 2020, 59, 2308-2320.	0.5	3
52	Quantum catalysis-assisted attenuation for improving free-space continuous-variable quantum key distribution. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 185501.	0.6	12
53	Quantum catalysis-based discrete modulation continuous variable quantum key distribution with eight states. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126340.	0.9	9
54	Detecting quantum attacks: a machine learning based defense strategy for practical continuous-variable quantum key distribution. <i>New Journal of Physics</i> , 2020, 22, 083073.	1.2	33

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55	Multi-label learning for improving discretely-modulated continuous-variable quantum key distribution. <i>New Journal of Physics</i> , 2020, 22, 083086.	1.2	31
56	Atmospheric effects on satellite-mediated continuous-variable quantum key distribution. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 465302.	0.7	16
57	Indoor channel modeling for continuous variable quantum key distribution in the terahertz band. <i>Optics Express</i> , 2020, 28, 32386.	1.7	12
58	Discrete modulation continuous-variable quantum key distribution based on quantum catalysis. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020, 69, 060301.	0.2	16
59	Simultaneous Classical Communication and Quantum Key Distribution Based on Plug-and-Play Configuration with an Optical Amplifier. <i>Entropy</i> , 2019, 21, 333.	1.1	10
60	Performance improvement of free-space continuous-variable quantum key distribution with an adaptive optics unit. <i>Quantum Information Processing</i> , 2019, 18, 1.	1.0	9
61	Security analysis of passive measurement-device-independent continuous-variable quantum key distribution with almost no public communication. <i>Quantum Information Processing</i> , 2019, 18, 1.	1.0	14
62	Continuous Variable Quantum Secret Sharing with Chinese Remainder Theorem. <i>International Journal of Theoretical Physics</i> , 2019, 58, 3986-3997.	0.5	6
63	Compressed-Sensing-based Gradient Reconstruction for Ghost Imaging. <i>International Journal of Theoretical Physics</i> , 2019, 58, 1215-1226.	0.5	11
64	Enhancing continuous variable quantum key distribution with a heralded hybrid linear amplifier. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 245303.	0.7	12
65	Plug-and-play unidimensional continuous-variable quantum key distribution. <i>Quantum Information Processing</i> , 2019, 18, 1.	1.0	7
66	Continuous-variable quantum key distribution with non-Gaussian quantum catalysis. <i>Physical Review A</i> , 2019, 99, .	1.0	89
67	Quantum Byzantine Agreement with Tripartite Entangled States. <i>International Journal of Theoretical Physics</i> , 2019, 58, 1482-1498.	0.5	6
68	Plug-and-play dual-phase-modulated continuous-variable quantum key distribution with photon subtraction. <i>Frontiers of Physics</i> , 2019, 14, 1.	2.4	20
69	Improving Eight-State Continuous Variable Quantum Key Distribution by Applying Photon Subtraction. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1333.	1.3	3
70	Arbitrated quantum signature scheme with quantum walk-based teleportation. <i>Quantum Information Processing</i> , 2019, 18, 1.	1.0	29
71	Security Analysis of Discrete-Modulated Continuous-Variable Quantum Key Distribution over Seawater Channel. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4956.	1.3	14
72	Performance Improvement of Underwater Continuous-Variable Quantum Key Distribution via Photon Subtraction. <i>Entropy</i> , 2019, 21, 1011.	1.1	11

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73	Performance analysis of the satellite-to-ground continuous-variable quantum key distribution with orthogonal frequency division multiplexed modulation. <i>Quantum Information Processing</i> , 2019, 18, 1.	1.0	24
74	Phase noise estimation using Bayesian inference for continuous-variable quantum key distribution. <i>Optics Express</i> , 2019, 27, 1838.	1.7	9
75	Improvement of self-referenced continuous-variable quantum key distribution with quantum photon catalysis. <i>Optics Express</i> , 2019, 27, 17186.	1.7	63
76	Optical frequency comb-based multichannel parallel continuous-variable quantum key distribution. <i>Optics Express</i> , 2019, 27, 25314.	1.7	16
77	Arbitrated quantum signature scheme based on quantum walks. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2019, 68, 120302.	0.2	9
78	Block-compressed-sensing-based reconstruction algorithm for ghost imaging. <i>OSA Continuum</i> , 2019, 2, 2834.	1.8	5
79	Composable security of unidimensional continuous-variable quantum key distribution. <i>Quantum Information Processing</i> , 2018, 17, 1.	1.0	16
80	Long-distance continuous-variable quantum key distribution using non-Gaussian state-discrimination detection. <i>New Journal of Physics</i> , 2018, 20, 023015.	1.2	47
81	Coherent attacking continuous-variable quantum key distribution with entanglement in the middle. <i>Quantum Information Processing</i> , 2018, 17, 1.	1.0	5
82	Self-referenced continuous-variable measurement-device-independent quantum key distribution. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 1149-1156.	0.9	6
83	Arbitrated quantum signature scheme with continuous-variable squeezed vacuum states. <i>Chinese Physics B</i> , 2018, 27, 020302.	0.7	16
84	Continuous-variable Measurement-device-independent Quantum Relay Network with Phase-sensitive Amplifiers. <i>International Journal of Theoretical Physics</i> , 2018, 57, 112-126.	0.5	3
85	Performance improvement of eight-state continuous-variable quantum key distribution with an optical amplifier. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 372-381.	0.9	25
86	Performance Analysis of Continuous-Variable Quantum Key Distribution with Multi-Core Fiber. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1951.	1.3	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. <i>Chinese Physics Letters</i> , 2018, 35, 090302.	1.3	10
89	Improving the Maximum Transmission Distance of Self-Referenced Continuous-Variable Quantum Key Distribution Using a Noiseless Linear Amplifier. <i>Entropy</i> , 2018, 20, 461.	1.1	2
90	Long-distance continuous-variable quantum key distribution using separable Gaussian states. <i>Physical Review A</i> , 2018, 98, .	1.0	14

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91	Multipartite Continuous Variable Quantum Conferencing Network with Entanglement in the Middle. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1312.	1.3	8
92	Enhancing of Self-Referenced Continuous-Variable Quantum Key Distribution with Virtual Photon Subtraction. <i>Entropy</i> , 2018, 20, 578.	1.1	10
93	Finite-size analysis of eight-state continuous-variable quantum key distribution with the linear optics cloning machine. <i>Chinese Physics B</i> , 2018, 27, 090307.	0.7	5
94	Channel-parameter estimation for satellite-to-submarine continuous-variable quantum key distribution. <i>Physical Review A</i> , 2018, 97, .	1.0	53
95	Dual-phase-modulated plug-and-play measurement-device-independent continuous-variable quantum key distribution. <i>Optics Express</i> , 2018, 26, 19907.	1.7	24
96	Blind Quantum Signature with Blind Quantum Computation. <i>International Journal of Theoretical Physics</i> , 2017, 56, 1108-1115.	0.5	8
97	Continuous-Variable Measurement-Device-Independent Multipartite Quantum Communication Using Coherent States. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 024003.	0.7	5
98	Multipartite Continuous-Variable Entanglement Distribution with Separable Gaussian States. <i>International Journal of Theoretical Physics</i> , 2017, 56, 1685-1693.	0.5	1
99	Controlling Continuous-Variable Quantum Key Distribution with Entanglement in the Middle Using Tunable Linear Optics Cloning Machines. <i>International Journal of Theoretical Physics</i> , 2017, 56, 415-426.	0.5	4
100	Network-based Arbitrated Quantum Signature Scheme with Graph State. <i>International Journal of Theoretical Physics</i> , 2017, 56, 2551-2561.	0.5	7
101	Entanglement-distillation attack on continuous-variable quantum key distribution in a turbulent atmospheric channel. <i>Physical Review A</i> , 2017, 96, .	1.0	42
102	Performance improvement of continuous-variable quantum key distribution with an entangled source in the middle via photon subtraction. <i>Physical Review A</i> , 2017, 95, .	1.0	70
103	Balancing four-state continuous-variable quantum key distribution with linear optics cloning machine. <i>Chinese Physics B</i> , 2017, 26, 110304.	0.7	5
104	Blind Quantum Signature with Controlled Four-Particle Cluster States. <i>International Journal of Theoretical Physics</i> , 2017, 56, 2579-2587.	0.5	13
105	Quantum relay schemes for continuous-variable quantum key distribution. <i>Physical Review A</i> , 2017, 95, .	1.0	21
106	A Robust Manifold Graph Regularized Nonnegative Matrix Factorization Algorithm for Cancer Gene Clustering. <i>Molecules</i> , 2017, 22, 2131.	1.7	14
107	Quantum anonymous voting with unweighted continuous-variable graph states. <i>Quantum Information Processing</i> , 2016, 15, 3327-3345.	1.0	6
108	Quantum blind dual-signature scheme without arbitrator. <i>Physica Scripta</i> , 2016, 91, 035101.	1.2	9

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109	Graph State-Based Quantum Secret Sharing with the Chinese Remainder Theorem. International Journal of Theoretical Physics, 2016, 55, 4936-4950.	0.5	1
110	Continuous-variable measurement-device-independent multipartite quantum communication. Physical Review A, 2016, 93, .	1.0	56
111	Anonymous voting for multi-dimensional CV quantum system. Chinese Physics B, 2016, 25, 060301.	0.7	3
112	Source-Manipulating Wavelength-Dependent Continuous-Variable Quantum Key Distribution with Heterodyne Detectors. International Journal of Theoretical Physics, 2016, 55, 2417-2427.	0.5	0
113	Arbitrated Quantum Signature Scheme with Continuous-Variable Coherent States. International Journal of Theoretical Physics, 2016, 55, 2290-2302.	0.5	24
114	Fast Jacket-Haar Transform with Any Size. Mathematical Problems in Engineering, 2015, 2015, 1-11.	0.6	0
115	Continuous-variable quantum key distribution under the local oscillator intensity attack with noiseless linear amplifier. Quantum Information Processing, 2015, 14, 3041-3056.	1.0	5
116	Deterministic Polarization Entanglement Purification of $\mathbb{F}_2$ -type entangled states in Multiple Degrees of Freedom. International Journal of Theoretical Physics, 2015, 54, 358-367.	0.5	0
117	A Weak Quantum Blind Signature with Entanglement Permutation. International Journal of Theoretical Physics, 2015, 54, 3283-3292.	0.5	14
118	Controlling Continuous-Variable Quantum Key Distribution with Tuned Linear Optics Cloning Machines. Journal of the Physical Society of Japan, 2015, 84, 094003.	0.7	4
119	Balancing continuous-variable quantum key distribution with source-tunable linear optics cloning machine. Quantum Information Processing, 2015, 14, 4323-4338.	1.0	14
120	Arbitrary-Length Jacket-Haar Transforms. Lecture Notes in Computer Science, 2015, , 330-343.	1.0	2
121	Photon-monitoring attack on continuous-variable quantum key distribution with source in middle. Quantum Information Processing, 2014, 13, 2745-2757.	1.0	4
122	A Chaos-based Arbitrated Quantum Signature Scheme in Quantum Cryptosystem. International Journal of Theoretical Physics, 2014, 53, 28-38.	0.5	16
123	On the Fast Fractional Jacket Transform. Circuits, Systems, and Signal Processing, 2014, 33, 1491-1505.	1.2	2
124	On implementing nondestructive triplet Toffoli gate with entanglement swapping operations via the GHZ state analysis. Quantum Information Processing, 2014, 13, 2039-2047.	1.0	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.	0.5	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.	0.5	1



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127	Polar quantum channel coding with optical multi-qubit entangling gates for capacity-achieving channels. Quantum Information Processing, 2013, 12, 1659-1676.	1.0	7
128	Deterministic Frequency-Based Polarization Entanglement Concentration with the Multipartite Less-Hyperentangled State. International Journal of Theoretical Physics, 2013, 52, 3615-3623.	0.5	0
129	AN ARBITRATED QUANTUM SIGNATURE SCHEME BASED ON HYPERCHAOTIC QUANTUM CRYPTOSYSTEM. International Journal of Quantum Information, 2013, 11, 1350036.	0.6	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.	0.5	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.	0.5	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.	1.0	19
133	Quantum Secret Sharing Based on Chinese Remainder Theorem. Communications in Theoretical Physics, 2011, 55, 573-578.	1.1	8
134	Fast quantum codes based on Pauli block jacket matrices. Quantum Information Processing, 2009, 8, 361-378.	1.0	7
135	Large-capability quantum key distribution with entangled qutrits. Optics Communications, 2008, 281, 3938-3942.	1.0	10
136	CONTINUOUS VARIABLE QUANTUM SIGNATURE ALGORITHM. International Journal of Quantum Information, 2007, 05, 553-573.	0.6	53