

## List of Publications by Year in descending order

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136  
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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous-variable quantum key distribution with non-Gaussian quantum catalysis. <i>Physical Review A</i> , 2019, 99, .	2.5	89
2	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, .	2.5	70
3	Improvement of self-referenced continuous-variable quantum key distribution with quantum photon catalysis. <i>Optics Express</i> , 2019, 27, 17186.	3.4	63
4	Continuous-variable measurement-device-independent multipartite quantum communication. <i>Physical Review A</i> , 2016, 93, .	2.5	56
5	CONTINUOUS VARIABLE QUANTUM SIGNATURE ALGORITHM. <i>International Journal of Quantum Information</i> , 2007, 05, 553-573.	1.1	53
6	Channel-parameter estimation for satellite-to-submarine continuous-variable quantum key distribution. <i>Physical Review A</i> , 2018, 97, .	2.5	53
7	Quantum secret sharing using discretely modulated coherent states. <i>Physical Review A</i> , 2021, 103, .	2.5	50
8	Long-distance continuous-variable quantum key distribution using non-Gaussian state-discrimination detection. <i>New Journal of Physics</i> , 2018, 20, 023015.	2.9	47
9	Entanglement-distillation attack on continuous-variable quantum key distribution in a turbulent atmospheric channel. <i>Physical Review A</i> , 2017, 96, .	2.5	42
10	Discretely modulated continuous-variable quantum key distribution with an untrusted entanglement source. <i>Physical Review A</i> , 2020, 102, .	2.5	34
11	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.	2.9	33
12	Multi-label learning for improving discretely-modulated continuous-variable quantum key distribution. <i>New Journal of Physics</i> , 2020, 22, 083086.	2.9	31
13	Arbitrated quantum signature scheme with quantum walk-based teleportation. <i>Quantum Information Processing</i> , 2019, 18, 1.	2.2	29
14	On Quantum Secret Sharing via Chinese Remainder Theorem with the Non-maximally Entanglement State Analysis. <i>International Journal of Theoretical Physics</i> , 2013, 52, 539-548.	1.2	26
15	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.	2.1	25
16	Arbitrated Quantum Signature Scheme with Continuous-Variable Coherent States. <i>International Journal of Theoretical Physics</i> , 2016, 55, 2290-2302.	1.2	24
17	Dual-phase-modulated plug-and-play measurement-device-independent continuous-variable quantum key distribution. <i>Optics Express</i> , 2018, 26, 19907.	3.4	24
18	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.	2.2	24

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19	Quantum relay schemes for continuous-variable quantum key distribution. <i>Physical Review A</i> , 2017, 95, .	2.5	21
20	Plug-and-play dual-phase-modulated continuous-variable quantum key distribution with photon subtraction. <i>Frontiers of Physics</i> , 2019, 14, 1.	5.0	20
21	High-efficient quantum secret sharing based on the Chinese remainder theorem via the orbital angular momentum entanglement analysis. <i>Quantum Information Processing</i> , 2013, 12, 1125-1139.	2.2	19
22	Continuous-variable measurement-device-independent quantum key distribution via quantum catalysis. <i>Quantum Information Processing</i> , 2020, 19, 1.	2.2	18
23	Hidden-Markov-model-based calibration-attack recognition for continuous-variable quantum key distribution. <i>Physical Review A</i> , 2020, 101, .	2.5	18
24	A Chaos-based Arbitrated Quantum Signature Scheme in Quantum Cryptosystem. <i>International Journal of Theoretical Physics</i> , 2014, 53, 28-38.	1.2	16
25	Composable security of unidimensional continuous-variable quantum key distribution. <i>Quantum Information Processing</i> , 2018, 17, 1.	2.2	16
26	Arbitrated quantum signature scheme with continuous-variable squeezed vacuum states. <i>Chinese Physics B</i> , 2018, 27, 020302.	1.4	16
27	Simultaneous measurement-device-independent continuous variable quantum key distribution with realistic detector compensation. <i>Frontiers of Physics</i> , 2020, 15, 1.	5.0	16
28	Passive continuous-variable quantum key distribution using a locally generated local oscillator. <i>Physical Review A</i> , 2021, 103, .	2.5	16
29	Atmospheric effects on satellite-mediated continuous-variable quantum key distribution. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 465302.	2.1	16
30	Optical frequency comb-based multichannel parallel continuous-variable quantum key distribution. <i>Optics Express</i> , 2019, 27, 25314.	3.4	16
31	Discrete modulation continuous-variable quantum key distribution based on quantum catalysis. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020, 69, 060301.	0.5	16
32	A Weak Quantum Blind Signature with Entanglement Permutation. <i>International Journal of Theoretical Physics</i> , 2015, 54, 3283-3292.	1.2	14
33	Balancing continuous-variable quantum key distribution with source-tunable linear optics cloning machine. <i>Quantum Information Processing</i> , 2015, 14, 4323-4338.	2.2	14
34	A Robust Manifold Graph Regularized Nonnegative Matrix Factorization Algorithm for Cancer Gene Clustering. <i>Molecules</i> , 2017, 22, 2131.	3.8	14
35	Long-distance continuous-variable quantum key distribution using separable Gaussian states. <i>Physical Review A</i> , 2018, 98, .	2.5	14
36	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.	2.2	14

#	ARTICLE	IF	CITATIONS
37	Security Analysis of Discrete-Modulated Continuous-Variable Quantum Key Distribution over Seawater Channel. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4956.	2.5	14
38	Overcoming the uplink limit of satellite-based quantum communication with deterministic quantum teleportation. <i>Physical Review A</i> , 2021, 104, .	2.5	14
39	Blind Quantum Signature with Controlled Four-Particle Cluster States. <i>International Journal of Theoretical Physics</i> , 2017, 56, 2579-2587.	1.2	13
40	Enhancing continuous variable quantum key distribution with a heralded hybrid linear amplifier. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 245303.	2.1	12
41	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.	1.5	12
42	Indoor channel modeling for continuous variable quantum key distribution in the terahertz band. <i>Optics Express</i> , 2020, 28, 32386.	3.4	12
43	Security of quantum communications in oceanic turbulence. <i>Physical Review A</i> , 2021, 104, .	2.5	12
44	Compressed-Sensing-based Gradient Reconstruction for Ghost Imaging. <i>International Journal of Theoretical Physics</i> , 2019, 58, 1215-1226.	1.2	11
45	Performance Improvement of Underwater Continuous-Variable Quantum Key Distribution via Photon Subtraction. <i>Entropy</i> , 2019, 21, 1011.	2.2	11
46	Monte Carlo-Based Performance Analysis for Underwater Continuous-Variable Quantum Key Distribution. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5744.	2.5	11
47	Hybrid linear amplifier-involved detection for continuous variable quantum key distribution with thermal states*. <i>Chinese Physics B</i> , 2020, 29, 050309.	1.4	11
48	Practical continuous-variable quantum secret sharing using plug-and-play dual-phase modulation. <i>Optics Express</i> , 2022, 30, 3876.	3.4	11
49	Satellite-to-submarine quantum communication based on measurement-device-independent continuous-variable quantum key distribution. <i>Quantum Information Processing</i> , 2022, 21, 1.	2.2	11
50	Large-capability quantum key distribution with entangled qutrits. <i>Optics Communications</i> , 2008, 281, 3938-3942.	2.1	10
51	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.	3.3	10
52	Enhancing of Self-Referenced Continuous-Variable Quantum Key Distribution with Virtual Photon Subtraction. <i>Entropy</i> , 2018, 20, 578.	2.2	10
53	Simultaneous Classical Communication and Quantum Key Distribution Based on Plug-and-Play Configuration with an Optical Amplifier. <i>Entropy</i> , 2019, 21, 333.	2.2	10
54	Quantum blind dual-signature scheme without arbitrator. <i>Physica Scripta</i> , 2016, 91, 035101.	2.5	9

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55	Performance improvement of free-space continuous-variable quantum key distribution with an adaptive optics unit. <i>Quantum Information Processing</i> , 2019, 18, 1.	2.2	9
56	Improving Underwater Continuous-Variable Measurement-Device-Independent Quantum Key Distribution via Zero-Photon Catalysis. <i>Entropy</i> , 2020, 22, 571.	2.2	9
57	Nonclassicality and entanglement of single-photon catalysis-assisted two-mode squeezed coherent state. <i>Optics Communications</i> , 2020, 474, 126103.	2.1	9
58	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.	2.1	9
59	Improving the discretely modulated underwater continuous-variable quantum key distribution with heralded hybrid linear amplifier. <i>Physica Scripta</i> , 2021, 96, 065103.	2.5	9
60	Phase noise estimation using Bayesian inference for continuous-variable quantum key distribution. <i>Optics Express</i> , 2019, 27, 1838.	3.4	9
61	Arbitrated quantum signature scheme based on quantum walks. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2019, 68, 120302.	0.5	9
62	Monte Carlo-based security analysis for multi-mode continuous-variable quantum key distribution over underwater channel. <i>Quantum Information Processing</i> , 2022, 21, .	2.2	9
63	Quantum Secret Sharing Based on Chinese Remainder Theorem. <i>Communications in Theoretical Physics</i> , 2011, 55, 573-578.	2.5	8
64	Blind Quantum Signature with Blind Quantum Computation. <i>International Journal of Theoretical Physics</i> , 2017, 56, 1108-1115.	1.2	8
65	Multipartite Continuous Variable Quantum Conferencing Network with Entanglement in the Middle. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1312.	2.5	8
66	Continuous-variable quantum key distribution coexisting with classical signals on few-mode fiber. <i>Optics Express</i> , 2021, 29, 14486.	3.4	8
67	Fast quantum codes based on Pauli block jacket matrices. <i>Quantum Information Processing</i> , 2009, 8, 361-378.	2.2	7
68	Polar quantum channel coding with optical multi-qubit entangling gates for capacity-achieving channels. <i>Quantum Information Processing</i> , 2013, 12, 1659-1676.	2.2	7
69	The Dining Cryptographer Problem-Based Anonymous Quantum Communication via Non-maximally Entanglement State Analysis. <i>International Journal of Theoretical Physics</i> , 2013, 52, 376-384.	1.2	7
70	Network-based Arbitrated Quantum Signature Scheme with Graph State. <i>International Journal of Theoretical Physics</i> , 2017, 56, 2551-2561.	1.2	7
71	Plug-and-play unidimensional continuous-variable quantum key distribution. <i>Quantum Information Processing</i> , 2019, 18, 1.	2.2	7
72	Nonclassicality and entanglement properties of non-Gaussian entangled states via a superposition of number-conserving operations. <i>Quantum Information Processing</i> , 2020, 19, 1.	2.2	7

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73	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.	2.1	7
74	Quantum anonymous voting with unweighted continuous-variable graph states. <i>Quantum Information Processing</i> , 2016, 15, 3327-3345.	2.2	6
75	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.	2.1	6
76	Continuous Variable Quantum Secret Sharing with Chinese Remainder Theorem. <i>International Journal of Theoretical Physics</i> , 2019, 58, 3986-3997.	1.2	6
77	Quantum Byzantine Agreement with Tripartite Entangled States. <i>International Journal of Theoretical Physics</i> , 2019, 58, 1482-1498.	1.2	6
78	Parameter estimation of orbital angular momentum based continuous-variable quantum key distribution. <i>Journal of Applied Physics</i> , 2020, 127, 213102.	2.5	6
79	Wavelength attack on atmospheric continuous-variable quantum key distribution. <i>Physical Review A</i> , 2021, 103, .	2.5	6
80	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.	3.4	6
81	On implementing nondestructive triplet Toffoli gate with entanglement swapping operations via the GHZ state analysis. <i>Quantum Information Processing</i> , 2014, 13, 2039-2047.	2.2	5
82	Continuous-variable quantum key distribution under the local oscillator intensity attack with noiseless linear amplifier. <i>Quantum Information Processing</i> , 2015, 14, 3041-3056.	2.2	5
83	Continuous-Variable Measurement-Device-Independent Multipartite Quantum Communication Using Coherent States. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 024003.	1.6	5
84	Balancing four-state continuous-variable quantum key distribution with linear optics cloning machine. <i>Chinese Physics B</i> , 2017, 26, 110304.	1.4	5
85	Coherent attacking continuous-variable quantum key distribution with entanglement in the middle. <i>Quantum Information Processing</i> , 2018, 17, 1.	2.2	5
86	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.	1.4	5
87	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.	2.2	5
88	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.	1.5	5
89	Block-compressed-sensing-based reconstruction algorithm for ghost imaging. <i>OSA Continuum</i> , 2019, 2, 2834.	1.8	5
90	Continuous variable quantum teleportation through turbulent channels. <i>Physica Scripta</i> , 2022, 97, 045103.	2.5	5

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91	Orbital angular momentum-encoded quantum digital signature over atmospheric channel. Quantum Information Processing, 2022, 21, .	2.2	5
92	Photon-monitoring attack on continuous-variable quantum key distribution with source in middle. Quantum Information Processing, 2014, 13, 2745-2757.	2.2	4
93	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
94	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
95	Performance Analysis of Continuous-Variable Quantum Key Distribution with Multi-Core Fiber. Applied Sciences (Switzerland), 2018, 8, 1951.	2.5	4
96	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
97	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
98	AN ARBITRATED QUANTUM SIGNATURE SCHEME BASED ON HYPERCHAOTIC QUANTUM CRYPTOSYSTEM. International Journal of Quantum Information, 2013, 11, 1350036.	1.1	3
99	Anonymous voting for multi-dimensional CV quantum system. Chinese Physics B, 2016, 25, 060301.	1.4	3
100	Continuous-variable Measurement-device-independent Quantum Relay Network with Phase-sensitive Amplifiers. International Journal of Theoretical Physics, 2018, 57, 112-126.	1.2	3
101	Improving Eight-State Continuous Variable Quantum Key Distribution by Applying Photon Subtraction. Applied Sciences (Switzerland), 2019, 9, 1333.	2.5	3
102	Quantum Secret Sharing Based on Continuous-Variable GHZ States. International Journal of Theoretical Physics, 2020, 59, 2308-2320.	1.2	3
103	Trans-Media Continuous-Variable Quantum Key Distribution via Untrusted Entanglement Source. IEEE Photonics Journal, 2021, 13, 1-12.	2.0	3
104	Passive-state preparation for continuous variable quantum key distribution in atmospheric channel. Quantum Information Processing, 2021, 20, 1.	2.2	3
105	High-Rate Continuous-Variable Quantum Key Distribution with Orbital Angular Momentum Multiplexing. Entropy, 2021, 23, 1187.	2.2	3
106	Performance Analysis of Continuous Variable Quantum Teleportation with Noiseless Linear Amplifier in Seawater Channel. Symmetry, 2022, 14, 997.	2.2	3
107	On the Fast Fractional Jacket Transform. Circuits, Systems, and Signal Processing, 2014, 33, 1491-1505.	2.0	2
108	A Fast Quantum Clustering Approach for Cancer Gene Clustering. , 2018, , .		2

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109	Improving the Maximum Transmission Distance of Self-Referenced Continuous-Variable Quantum Key Distribution Using a Noiseless Linear Amplifier. <i>Entropy</i> , 2018, 20, 461.	2.2	2
110	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.	2.1	2
111	Virtual zero-photon catalysis for improving continuous-variable quantum key distribution via Gaussian post-selection. <i>Scientific Reports</i> , 2020, 10, 17526.	3.3	2
112	Improving Continuous Variable Quantum Secret Sharing with Weak Coherent States. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2411.	2.5	2
113	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.	2.5	2
114	Continuous Variable Quantum Secret Sharing with Fairness. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 189.	2.5	2
115	Multi-mode plug-and-play dual-phase-modulated continuous-variable quantum key distribution. <i>Quantum Information Processing</i> , 2021, 20, 1.	2.2	2
116	Performance improvement of unidimensional continuous-variable quantum key distribution using zero-photon quantum catalysis. <i>Quantum Information Processing</i> , 2021, 20, 1.	2.2	2
117	Arbitrary-Length Jacket-Haar Transforms. <i>Lecture Notes in Computer Science</i> , 2015, , 330-343.	1.3	2
118	Noiseless Attenuation for Continuous-Variable Quantum Key Distribution over Ground-Satellite Uplink. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11289.	2.5	2
119	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.	2.2	2
120	Security Analysis of a Passive Continuous-Variable Quantum Key Distribution by Considering Finite-Size Effect. <i>Entropy</i> , 2021, 23, 1698.	2.2	2
121	Deterministic Entanglement Purification of the Greenberger-Horne-Zeilinger States in Quantum-Dot and Micro-cavity Coupled System. <i>International Journal of Theoretical Physics</i> , 2014, 53, 2304-2311.	1.2	1
122	Optimal Entanglement Concentration of the Greenberger-Horne-Zeilinger States in Quantum-dot and Micro-cavity Coupled System. <i>International Journal of Theoretical Physics</i> , 2014, 53, 2538-2548.	1.2	1
123	Graph State-Based Quantum Secret Sharing with the Chinese Remainder Theorem. <i>International Journal of Theoretical Physics</i> , 2016, 55, 4936-4950.	1.2	1
124	Multipartite Continuous-Variable Entanglement Distribution with Separable Gaussian States. <i>International Journal of Theoretical Physics</i> , 2017, 56, 1685-1693.	1.2	1
125	Generation of nonclassical states by superposition of number-conserving operations on squeezed thermal state. <i>Physica Scripta</i> , 2021, 96, 075102.	2.5	1
126	Continuous-Variable Quantum Key Distribution Based on Heralded Hybrid Linear Amplifier with a Local Local Oscillator. <i>Entropy</i> , 2021, 23, 1395.	2.2	1



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127	Short-wave infrared continuous-variable quantum key distribution over satellite-to-submarine channels. Chinese Physics B, 2022, 31, 060306.	1.4	1
128	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
129	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
130	Deterministic Frequency-Based Polarization Entanglement Concentration with the Multipartite Less-Hyperentangled State. International Journal of Theoretical Physics, 2013, 52, 3615-3623.	1.2	0
131	Fast Jacket-Haar Transform with Any Size. Mathematical Problems in Engineering, 2015, 2015, 1-11.	1.1	0
132	Deterministic Polarization Entanglement Purification of $\mathbb{H}$ -type entangled states in Multiple Degrees of Freedom. International Journal of Theoretical Physics, 2015, 54, 358-367.	1.2	0
133	Source-Manipulating Wavelength-Dependent Continuous-Variable Quantum Key Distribution with Heterodyne Detectors. International Journal of Theoretical Physics, 2016, 55, 2417-2427.	1.2	0
134	Lengthening Transmission Distance of Continuous Variable Quantum Key Distribution with Discrete Modulation through Photon Catalyzing. Applied Sciences (Switzerland), 2020, 10, 7770.	2.5	0
135	Discrete Modulation Continuous Variable Quantum Secret Sharing. International Journal of Theoretical Physics, 2022, 61, 1.	1.2	0
136	Machine Learning Assisted Prediction for Free-Space Continuous Variable Quantum Teleportation. IEEE Photonics Journal, 2022, 14, 1-7.	2.0	0