

# Yang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

461  
citations

1051969

10  
h-index

843174

20  
g-index

46  
all docs

46  
docs citations

46  
times ranked

202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical Security of High-Dimensional Quantum Key Distribution with Intensity Modulator Extinction. <i>Entropy</i> , 2022, 24, 460.	1.1	1
2	Breaking the Rate-Loss Bound of Quantum Key Distribution with Asynchronous Two-Photon Interference. <i>PRX Quantum</i> , 2022, 3, .	3.5	124
3	Finite-Key Analysis of 1-Decoy Method Quantum Key Distribution with Intensity Fluctuation. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4709.	1.3	0
4	Weak Randomness Analysis of Measurement-Device-Independent Quantum Key Distribution with Finite Resources. <i>Photonics</i> , 2022, 9, 356.	0.9	5
5	Finite-key analysis of asymmetric phase-matching quantum key distribution with unstable sources. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021, 38, 724.	0.9	6
6	Phase-Matching Quantum Key Distribution with Discrete Phase Randomization. <i>Entropy</i> , 2021, 23, 508.	1.1	3
7	Finite-key analysis of sending-or-not-sending twin-field quantum key distribution with intensity fluctuations. <i>Quantum Information Processing</i> , 2021, 20, 1.	1.0	6
8	Sending or Not-Sending Twin-Field Quantum Key Distribution with Flawed and Leaky Sources. <i>Entropy</i> , 2021, 23, 1103.	1.1	8
9	Practical Analysis of Sending or Not-Sending Twin-Field Quantum Key Distribution with Frequency Side Channels. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9560.	1.3	1
10	Reference-frame-independent quantum key distribution with an untrusted source*. <i>Chinese Physics B</i> , 2020, 29, 030303.	0.7	6
11	High-dimensional quantum key distribution with statistical and intensity fluctuations. <i>Fiber and Integrated Optics</i> , 2020, 39, 169-184.	1.7	0
12	Asymmetric twin-field quantum key distribution with both statistical and intensity fluctuations. <i>Communications in Theoretical Physics</i> , 2020, 72, 065103.	1.1	5
13	Improved secure bounds for passive decoy state quantum key distribution system. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	1.5	1
14	Attacking a high-dimensional quantum key distribution system with wavelength-dependent beam splitter*. <i>Chinese Physics B</i> , 2019, 28, 090301.	0.7	6
15	Finite-Key Analysis for a Practical High-Dimensional Quantum Key Distribution System Based on Time-Phase States. <i>Chinese Physics Letters</i> , 2019, 36, 040301.	1.3	4
16	Research on co-propagation of QKD and classical communication by reducing the classical optical power. <i>Chinese Physics B</i> , 2019, 28, 040303.	0.7	4
17	Quantum search for unknown number of target items by hybridizing fixed-point method with trail-and-error method*. <i>Chinese Physics B</i> , 2019, 28, 120301.	0.7	5
18	Finite-key analysis of practical decoy-state measurement-device-independent quantum key distribution with unstable sources. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, B83.	0.9	11

#	ARTICLE	IF	CITATIONS
19	Finite-key analysis for high-dimensional quantum key distribution with intensity fluctuations. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 245502.	0.6	3
20	Controlling a sine wave gating single-photon detector by exploiting its filtering loophole. Chinese Physics B, 2018, 27, 080305.	0.7	0
21	Measurement-device-independent quantum cryptographic conferencing with an untrusted source. Chinese Physics B, 2017, 26, 010302.	0.7	0
22	High-dimensional quantum key distribution with the entangled single-photon-added coherent state. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1393-1397.	0.9	21
23	Round-robin differential quadrature phase-shift quantum key distribution. Chinese Physics B, 2017, 26, 020303.	0.7	3
24	Fluctuations of Internal Transmittance in Security of Measurement-Device-Independent Quantum Key Distribution with an Untrusted Source *. Communications in Theoretical Physics, 2017, 68, 206.	1.1	0
25	Proof of Security of a Semi-Device-Independent Quantum Key Distribution Protocol. Chinese Physics Letters, 2017, 34, 020302.	1.3	5
26	Round-Robin Differential Phase Shift with Heralded Single-Photon Source. Chinese Physics Letters, 2017, 34, 040301.	1.3	3
27	Passive Decoy-State Reference-Frame-Independent Quantum Key Distribution with Heralded Single-Photon Source. Chinese Physics Letters, 2017, 34, 120301.	1.3	5
28	Application of a Discrete Phase-Randomized Coherent State Source in Round-Robin Differential Phase-Shift Quantum Key Distribution. Chinese Physics Letters, 2017, 34, 080302.	1.3	0
29	Finite-key bound for semi-device-independent quantum key distribution. Optics Express, 2017, 25, 16971.	1.7	15
30	Time-energy high-dimensional one-side device-independent quantum key distribution. Chinese Physics B, 2017, 26, 050302.	0.7	2
31	Detector-decoy high-dimensional quantum key distribution. Optics Express, 2016, 24, 22159.	1.7	7
32	Measurement-device-independent quantum key distribution with heralded pair coherent state. Laser Physics, 2016, 26, 065203.	0.6	2
33	Finite-key analysis of a practical decoy-state high-dimensional quantum key distribution. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 205301.	0.7	10
34	Practical round-robin differential phase-shift quantum key distribution. Optics Express, 2016, 24, 20763.	1.7	17
35	Tight finite-key analysis of a practical decoy-state quantum key distribution with unstable sources. Physical Review A, 2016, 94, .	1.0	33
36	Security of the Decoy State Two-Way Quantum Key Distribution with Finite Resources. Chinese Physics Letters, 2016, 33, 040301.	1.3	5

#	ARTICLE	IF	CITATIONS
37	Biased decoy-state measurement-device-independent quantum cryptographic conferencing with finite resources. <i>Optics Express</i> , 2016, 24, 6594.	1.7	11
38	Passive decoy-state quantum key distribution for the weak coherent photon source with finite-length key. <i>Chinese Physics B</i> , 2016, 25, 010305.	0.7	2
39	Passive decoy-state quantum key distribution using weak coherent pulses with modulator attenuation. <i>Chinese Physics B</i> , 2015, 24, 110307.	0.7	1
40	Biased decoy-state measurement-device-independent quantum key distribution with finite resources. <i>Physical Review A</i> , 2015, 91, .	1.0	25
41	Security of a practical semi-device-independent quantum key distribution protocol against collective attacks. <i>Chinese Physics B</i> , 2014, 23, 080303.	0.7	5
42	Key-leakage evaluation of authentication in quantum key distribution with finite resources. <i>Quantum Information Processing</i> , 2014, 13, 935-955.	1.0	4
43	Tight finite-key analysis for passive decoy-state quantum key distribution under general attacks. <i>Physical Review A</i> , 2014, 89, .	1.0	16
44	Passive decoy-state quantum key distribution using weak coherent pulses with intensity fluctuations. <i>Physical Review A</i> , 2014, 89, .	1.0	12
45	Finite-key analysis for one-sided device-independent quantum key distribution. <i>Physical Review A</i> , 2013, 88, .	1.0	29
46	Phase-encoded measurement-device-independent quantum key distribution with practical spontaneous-parametric-down-conversion sources. <i>Physical Review A</i> , 2013, 88, .	1.0	29