

Zong-Wen Yu

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,154
citations

430874

18
h-index

477307

29
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29
all docs

29
docs citations

29
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement-Device-Independent Quantum Key Distribution Over a 404Åkm Optical Fiber. Physical Review Letters, 2016, 117, 190501.	7.8	615
2	Twin-field quantum key distribution with large misalignment error. Physical Review A, 2018, 98, .	2.5	260
3	Sending-or-Not-Sending with Independent Lasers: Secure Twin-Field Quantum Key Distribution over 509Åkm. Physical Review Letters, 2020, 124, 070501.	7.8	244
4	Making the decoy-state measurement-device-independent quantum key distribution practically useful. Physical Review A, 2016, 93, .	2.5	218
5	Experimental Twin-Field Quantum Key Distribution through Sending or Not Sending. Physical Review Letters, 2019, 123, 100505.	7.8	167
6	Statistical fluctuation analysis for measurement-device-independent quantum key distribution with three-intensity decoy-state method. Physical Review A, 2015, 91, .	2.5	91
7	Field Test of Twin-Field Quantum Key Distribution through Sending-or-Not-Sending over 428Åkm. Physical Review Letters, 2021, 126, 250502.	7.8	73
8	Sending-or-not-sending twin-field quantum key distribution in practice. Scientific Reports, 2019, 9, 3080.	3.3	68
9	Unconditional Security of Sending or Not Sending Twin-Field Quantum Key Distribution with Finite Pulses. Physical Review Applied, 2019, 12, .	3.8	62
10	Sending-or-not-sending twin-field quantum key distribution: Breaking the direct transmission key rate. Physical Review A, 2020, 101, .	2.5	61
11	Three-intensity decoy-state method for measurement-device-independent quantum key distribution. Physical Review A, 2013, 88, .	2.5	43
12	Higher key rate of measurement-device-independent quantum key distribution through joint data processing. Physical Review A, 2021, 103, .	2.5	35
13	Measurement-device-independent quantum key distribution with source state errors in photon number space. Physical Review A, 2016, 94, .	2.5	25
14	Zigzag approach to higher key rate of sending-or-not-sending twin field quantum key distribution with finite-key effects. New Journal of Physics, 2020, 22, 053048.	2.9	24
15	Reexamination of decoy-state quantum key distribution with biased bases. Physical Review A, 2016, 93, .	2.5	23
16	Measurement-device-independent quantum key distribution with source state errors and statistical fluctuation. Physical Review A, 2017, 95, .	2.5	22
17	Measurement-Device-Independent Quantum Key Distribution over asymmetric channel and unstable channel. Scientific Reports, 2018, 8, 17634.	3.3	21
18	Composable security for practical quantum key distribution with two way classical communication. New Journal of Physics, 2021, 23, 063038.	2.9	21

#	ARTICLE	IF	CITATIONS
19	Practical measurement-device-independent quantum key distribution without vacuum sources. Physical Review A, 2017, 95, .	2.5	14
20	Efficient tomography of quantum-optical Gaussian processes probed with a few coherent states. Physical Review A, 2013, 88, .	2.5	12
21	Efficient measurement-device-independent quantum key distribution without vacuum sources. Physical Review A, 2018, 98, .	2.5	9
22	Guessing probability in quantum key distribution. Npj Quantum Information, 2020, 6, .	6.7	8
23	Practical Long-Distance Measurement-Device-Independent Quantum Key Distribution By Four-Intensity Protocol. Advanced Quantum Technologies, 2021, 4, 2100069.	3.9	8
24	Sending-or-not-sending twin-field quantum key distribution with discrete-phase-randomized weak coherent states. Physical Review Research, 2020, 2, .	3.6	7
25	Measurement-device-independent quantum key distribution protocol with phase post-selection. Photonics Research, 2022, 10, 1703.	7.0	7
26	Experimental 4-intensity decoy-state quantum key distribution with asymmetric basis-detector efficiency. Physical Review A, 2019, 100, .	2.5	6
27	Measurement-device-independent quantum key distribution with correlated source-light-intensity errors. Physical Review A, 2018, 97, .	2.5	4
28	Measurement-device-independent quantum key distribution via quantum blockade. Scientific Reports, 2018, 8, 4115.	3.3	4
29	Sending-or-not-sending twin field quantum key distribution with imperfect vacuum sources. New Journal of Physics, 2022, 24, 063014.	2.9	2