

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

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docs citations

29
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement-device-independent quantum key distribution protocol with phase post-selection. <i>Photonics Research</i> , 2022, 10, 1703.	7.0	7
2	Sending-or-not-sending twin field quantum key distribution with imperfect vacuum sources. <i>New Journal of Physics</i> , 2022, 24, 063014.	2.9	2
3	Higher key rate of measurement-device-independent quantum key distribution through joint data processing. <i>Physical Review A</i> , 2021, 103, .	2.5	35
4	Composable security for practical quantum key distribution with two way classical communication. <i>New Journal of Physics</i> , 2021, 23, 063038.	2.9	21
5	Field Test of Twin-Field Quantum Key Distribution through Sending-or-Not-Sending over 428Åkm. <i>Physical Review Letters</i> , 2021, 126, 250502.	7.8	73
6	Practical Long-Distance Measurement-Device-Independent Quantum Key Distribution By Four-Intensity Protocol. <i>Advanced Quantum Technologies</i> , 2021, 4, 2100069.	3.9	8
7	Sending-or-not-sending twin-field quantum key distribution: Breaking the direct transmission key rate. <i>Physical Review A</i> , 2020, 101, .	2.5	61
8	Guessing probability in quantum key distribution. <i>Npj Quantum Information</i> , 2020, 6, .	6.7	8
9	Sending-or-Not-Sending with Independent Lasers: Secure Twin-Field Quantum Key Distribution over 509Åkm. <i>Physical Review Letters</i> , 2020, 124, 070501.	7.8	244
10	Zigzag approach to higher key rate of sending-or-not-sending twin field quantum key distribution with finite-key effects. <i>New Journal of Physics</i> , 2020, 22, 053048.	2.9	24
11	Sending-or-not-sending twin-field quantum key distribution with discrete-phase-randomized weak coherent states. <i>Physical Review Research</i> , 2020, 2, .	3.6	7
12	Unconditional Security of Sending or Not Sending Twin-Field Quantum Key Distribution with Finite Pulses. <i>Physical Review Applied</i> , 2019, 12, .	3.8	62
13	Experimental 4-intensity decoy-state quantum key distribution with asymmetric basis-detector efficiency. <i>Physical Review A</i> , 2019, 100, .	2.5	6
14	Experimental Twin-Field Quantum Key Distribution through Sending or Not Sending. <i>Physical Review Letters</i> , 2019, 123, 100505.	7.8	167
15	Sending-or-not-sending twin-field quantum key distribution in practice. <i>Scientific Reports</i> , 2019, 9, 3080.	3.3	68
16	Measurement-device-independent quantum key distribution with correlated source-light-intensity errors. <i>Physical Review A</i> , 2018, 97, .	2.5	4
17	Measurement-device-independent quantum key distribution via quantum blockade. <i>Scientific Reports</i> , 2018, 8, 4115.	3.3	4
18	Twin-field quantum key distribution with large misalignment error. <i>Physical Review A</i> , 2018, 98, .	2.5	260

#	ARTICLE	IF	CITATIONS
19	Measurement-Device-Independent Quantum Key Distribution over asymmetric channel and unstable channel. Scientific Reports, 2018, 8, 17634.	3.3	21
20	Efficient measurement-device-independent quantum key distribution without vacuum sources. Physical Review A, 2018, 98, .	2.5	9
21	Measurement-device-independent quantum key distribution with source state errors and statistical fluctuation. Physical Review A, 2017, 95, .	2.5	22
22	Practical measurement-device-independent quantum key distribution without vacuum sources. Physical Review A, 2017, 95, .	2.5	14
23	Measurement-device-independent quantum key distribution with source state errors in photon number space. Physical Review A, 2016, 94, .	2.5	25
24	Reexamination of decoy-state quantum key distribution with biased bases. Physical Review A, 2016, 93, .	2.5	23
25	Making the decoy-state measurement-device-independent quantum key distribution practically useful. Physical Review A, 2016, 93, .	2.5	218
26	Measurement-Device-Independent Quantum Key Distribution Over a 404Åm Optical Fiber. Physical Review Letters, 2016, 117, 190501.	7.8	615
27	Statistical fluctuation analysis for measurement-device-independent quantum key distribution with three-intensity decoy-state method. Physical Review A, 2015, 91, .	2.5	91
28	Efficient tomography of quantum-optical Gaussian processes probed with a few coherent states. Physical Review A, 2013, 88, .	2.5	12
29	Three-intensity decoy-state method for measurement-device-independent quantum key distribution. Physical Review A, 2013, 88, .	2.5	43