

Xuyang Wang

List of Publications by Year in descending order

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17
papers

279
citations

1040056

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888059

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17
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental demonstration of continuous-variable measurement-device-independent quantum key distribution over optical fiber. <i>Optica</i> , 2022, 9, 492.	9.3	38
2	Efficient FPGA implementation of high-speed true random number generator. <i>Review of Scientific Instruments</i> , 2021, 92, 024706.	1.3	1
3	Quantum random number generator with discarding-boundary-bin measurement and multi-interval sampling. <i>Optics Express</i> , 2021, 29, 12440.	3.4	3
4	Security analysis of continuous variable quantum key distribution based on entangled states with biased correlations. <i>Optics Express</i> , 2021, 29, 22623.	3.4	4
5	Continuous-variable measurement-device-independent quantum key distribution with source-intensity errors. <i>Physical Review A</i> , 2020, 102, .	2.5	3
6	Continuous-variable measurement-device-independent quantum key distribution using modulated squeezed states and optical amplifiers. <i>Physical Review A</i> , 2019, 99, .	2.5	22
7	Realistic rate-distance limit of continuous-variable quantum key distribution. <i>Optics Express</i> , 2019, 27, 13372.	3.4	14
8	Generation of Gaussian-modulated entangled states for continuous variable quantum communication. <i>Optics Letters</i> , 2019, 44, 3613.	3.3	4
9	High-Visibility, High-Strength, Rapid-Response, In-Fiber Optofluidic Sensor. <i>Journal of Lightwave Technology</i> , 2018, 36, 2896-2902.	4.6	5
10	Advantages of the coherent state compared with squeezed state in unidimensional continuous variable quantum key distribution. <i>Quantum Information Processing</i> , 2018, 17, 1.	2.2	5
11	Long-Distance Continuous-Variable Quantum Key Distribution with Entangled States. <i>Physical Review Applied</i> , 2018, 10, .	3.8	38
12	Security Analysis of Unidimensional Continuous-Variable Quantum Key Distribution Using Uncertainty Relations. <i>Entropy</i> , 2018, 20, 157.	2.2	9
13	Imperfect state preparation in continuous-variable quantum key distribution. <i>Physical Review A</i> , 2017, 96, .	2.5	36
14	Experimental study on all-fiber-based unidimensional continuous-variable quantum key distribution. <i>Physical Review A</i> , 2017, 95, .	2.5	39
15	Finite-size analysis of unidimensional continuous-variable quantum key distribution under realistic conditions. <i>Optics Express</i> , 2017, 25, 27995.	3.4	20
16	High-efficiency Gaussian key reconciliation in continuous variable quantum key distribution. <i>Science China: Physics, Mechanics and Astronomy</i> , 2016, 59, 1.	5.1	25
17	Generation of stable and high extinction ratio light pulses for continuous variable quantum key distribution. <i>IEEE Journal of Quantum Electronics</i> , 2015, , 1-1.	1.9	13