

Hongbin Song

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

119
citations

1937685

4
h-index

1474206

9
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14
all docs

14
docs citations

14
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase-transparent flexible waveband conversion of 43 Gb/s RZ-DQPSK signals using multiple-QPM-LN waveguides. Optics Express, 2010, 18, 15332.	3.4	71
2	Limitations on the quantum non-Gaussian characteristic of Schrödinger kitten state generation. New Journal of Physics, 2013, 15, 023042.	2.9	15
3	Quantum teleportation in space and frequency using entangled pairs of photons from a frequency comb. Physical Review A, 2014, 90, .	2.5	10
4	Amplification of optical Schrödinger cat states with an implementation protocol based on a frequency comb. Physical Review A, 2022, 105, .	2.5	5
5	Apodized multiple quasi-phase-matched LiNbO ₃ device for low-cross-talk waveband conversion. Optics Letters, 2010, 35, 805.	3.3	4
6	Experimental Demonstration of Frequency Autolocking an Optical Cavity Using a Time-Varying Kalman Filter. Physical Review Applied, 2016, 5, .	3.8	3
7	Ultra-wide frequency response measurement of an optical system with a DC photo-detector. Optics Express, 2017, 25, 573.	3.4	3
8	Digital locking of a three-mirror ring cavity. , 2012, , .		2
9	Properties of power dependence on low-crosstalk waveband conversion with an apodized multiperiod-QPM LiNbO ₃ device. Optics Express, 2014, 22, 15232.	3.4	2
10	Robust nonlinear estimation of varying optical phase. , 2013, , .		2
11	Flexible and transparent waveband conversion using multiple-QPM LiNbO ₃ waveguides. , 2010, , .		1
12	Design and Implementation of an Optical Cavity Locking Controller Test Bed System. IEEE Transactions on Control Systems Technology, 2015, 23, 715-721.	5.2	1
13	Grouped wavelength conversion using engineered QPM device. , 2009, , .		0
14	Quantum non-Gaussian and Gaussian States at Multiple Side-band Frequencies. , 2014, , .		0