Hongbin Song

List of Publications by Year
in descending order

14 papers	119 citations	1937685 4 h-index	1474206 9 g-index
14 all docs	14 docs citations	14 times ranked	166 citing authors

#	Article	IF	Citations
1	Amplification of optical Schrödinger cat states with an implementation protocol based on a frequency comb. Physical Review A, 2022, 105, .	2.5	5
2	Ultra-wide frequency response measurement of an optical system with a DC photo-detector. Optics Express, 2017, 25, 573.	3.4	3
3	Experimental Demonstration of Frequency Autolocking an Optical Cavity Using a Time-Varying Kalman Filter. Physical Review Applied, 2016, 5, .	3.8	3
4	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
5	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
6	Quantum teleportation in space and frequency using entangled pairs of photons from a frequency comb. Physical Review A, 2014, 90, .	2.5	10
7	Quantum non-Gaussian and Gaussian States at Multiple Side-band Frequencies. , 2014, , .		0
8	Limitations on the quantum non-Gaussian characteristic of Schrödinger kitten state generation. New Journal of Physics, 2013, 15, 023042.	2.9	15
9	Robust nonlinear estimation of varying optical phase. , 2013, , .		2
10	Digital locking of a three-mirror ring cavity. , 2012, , .		2
11	Flexible and transparent waveband conversion using multiple-QPM LiNbO<inf>3</inf> waveguides. , 2010, , .		1
12	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
13	Apodized multiple quasi-phase-matched LiNbO_3 device for low-cross-talk waveband conversion. Optics Letters, 2010, 35, 805.	3.3	4
14	Grouped wavelength conversion using engineered QPM device. , 2009, , .		0