Tian Long

List of Publications by Year
in descending order

23 papers	286 citations	1163117 8 h-index	888059 17 g-index
23 all docs	23 docs citations	23 times ranked	134 citing authors

#	Article	IF	Citations
1	Long Lifetime and High-Fidelity Quantum Memory of Photonic Polarization Qubit by Lifting Zeeman Degeneracy. Physical Review Letters, 2013, 111, 240503.	7.8	77
2	Demonstration of Channel Multiplexing Quantum Communication Exploiting Entangled Sideband Modes. Physical Review Letters, 2020, 125, 070502.	7.8	41
3	Spatial Multiplexing of Atom-Photon Entanglement Sources using Feedforward Control and Switching Networks. Physical Review Letters, 2017, 119, 130505.	7.8	30
4	Detection of 13.8ÂdB squeezed vacuum states by optimizing the interference efficiency and gain of balanced homodyne detection. Chinese Optics Letters, 2019, 17, 072701.	2.9	16
5	Precise control of squeezing angle to generate 11 dB entangled state. Optics Express, 2021, 29, 24315.	3.4	14
6	Dependence of the squeezing and anti-squeezing factors of bright squeezed light on the seed beam power and pump beam noise. Optics Letters, 2019, 44, 1789.	3.3	14
7	Generation of â^'10.7 dB unbiased entangled states of light. Applied Physics Letters, 2021, 118, 134001.	3.3	11
8	High-fidelity quantum teleportation toward cubic phase gates beyond the no-cloning limit. Physical Review A, 2021, 103, .	2.5	11
9	Observation of a comb of squeezed states with a strong squeezing factor by a bichromatic local oscillator. Optics Letters, 2020, 45, 2419.	3.3	9
10	Balanced Homodyne Detector With Independent Phase Control and Noise Detection Branches. IEEE Access, 2019, 7, 57054-57059.	4.2	8
11	Resource reduction for simultaneous generation of two types of continuous variable nonclassical states. Frontiers of Physics, 2021, 16, 1.	5.0	8
12	A low-noise, high-SNR balanced homodyne detector for the bright squeezed state measurement in 1â€“100 kHz range*. Chinese Physics B, 2020, 29, 034205.	1.4	7
13	Controllable continuous variable quantum state distributor. Optics Letters, 2021, 46, 1844.	3.3	7
14	Demonstration of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mo>â†'</mml:mo><mml:mn>3</mml continuous-variable quantum telecloning. Physical Review A, 2021, 104, .	2.5	5
15	Realizing a high-efficiency 426nm laser with PPKTP by reducing mode-mismatch caused by the thermal effect. Optics Express, 2019, 27, 28534.	3.4	5
16	Deterministic and Universal Quantum Squeezing Gate with a Teleportationâ€Like Protocol. Laser and Photonics Reviews, 2022, 16, 2100329.	8.7	5
17	Entangled sideband control scheme via frequency-comb-type seed beam. Optics Letters, 2021, 46, 3989.	3.3	4
18	Security analysis of continuous variable quantum key distribution based on entangled states with biased correlations. Optics Express, 2021, 29, 22623.	3.4	4

#	Article	IF	Citations
19	Laser phase noise suppression and quadratures noise intercoupling in a mode cleaner. Optics and Laser Technology, 2022, 154, 108303.	4.6	4
20	Cavity enhanced parametric homodyne detection of a squeezed quantum comb. Optics Letters, 2022, 47, 533.	3.3	3
21	Manipulations and quantum tomography of bright squeezed states. Wuli Xuebao/Acta Physica Sinica, 2021, .	0.5	2
22	Enhanced-generation of atom-photon entanglement by using FPGA-based feedback protocol. Optics Express, 2018, 26, 20160.	3.4	1
23	Utilizing Sequential Control Scheme to Stabilize Squeezed Vacuum States. Applied Sciences (Switzerland), 2019, 9, 1861.	2.5	0