

Jiangrui Gao

List of Publications by Year in descending order

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26
papers

400
citations

840776

11
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of continuous-variable tripartite entanglement using cascaded nonlinearities. <i>Physical Review A</i> , 2005, 71, .	2.5	79
2	Experimental Generation of Continuous-Variable Hyperentanglement in an Optical Parametric Oscillator. <i>Physical Review Letters</i> , 2014, 113, 170501.	7.8	56
3	Experimental investigation of high-frequency-difference twin beams in hot cesium atoms. <i>Physical Review A</i> , 2014, 89, .	2.5	44
4	Tripartite entanglement from the cavity with second-order harmonic generation. <i>Physical Review A</i> , 2008, 78, .	2.5	27
5	Optimization of the noise property of delayed light in electromagnetically induced transparency. <i>Physical Review A</i> , 2007, 76, .	2.5	22
6	Small-displacement measurements using high-order Hermite-Gauss modes. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	22
7	Squeezing-enhanced rotating-angle measurement beyond the quantum limit. <i>Applied Physics Letters</i> , 2018, 113, 261103.	3.3	22
8	Generation of a continuous-variable quadripartite cluster state multiplexed in the spatial domain. <i>Photonics Research</i> , 2018, 6, 479.	7.0	15
9	Direct generation of spatial quadripartite continuous variable entanglement in an optical parametric oscillator. <i>Optics Letters</i> , 2016, 41, 5178.	3.3	14
10	Generating quantum correlated twin beams by four-wave mixing in hot cesium vapor. <i>Physical Review A</i> , 2017, 96, .	2.5	14
11	Generation of squeezed states of light in arbitrary complex amplitude transverse distribution. <i>Photonics Research</i> , 2020, 8, 1422.	7.0	13
12	Higher order mode entanglement in a type II optical parametric oscillator. <i>Optics Express</i> , 2017, 25, 4985.	3.4	12
13	Bright quadripartite continuous variable entanglement from coupled intracavity nonlinearities. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2010, 27, 518.	2.1	11
14	Design of Compact Frequency-Tuned Microstrip Balun. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010, 9, 686-688.	4.0	11
15	Entanglement characteristics of subharmonic modes reflected from a cavity for type-II second-harmonic generation. <i>Physical Review A</i> , 2004, 69, .	2.5	6
16	Generalization of continuous-variable quantum cloning with linear optics. <i>Physical Review A</i> , 2006, 73, .	2.5	6
17	Resolution enhancement in noise spectrum by using velocity selective optical pumping in cesium vapor. <i>Applied Physics B: Lasers and Optics</i> , 2012, 109, 189-194.	2.2	6
18	Measurement of Stokes-operator squeezing for continuous-variable orbital angular momentum. <i>Scientific Reports</i> , 2017, 7, 4434.	3.3	6

#	ARTICLE	IF	CITATIONS
19	Generation of multicolored tripartite entanglement by frequency doubling in a two-port resonator. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2721.	2.1	5
20	Experimental characterization of continuous-variable orbital angular momentum entanglement using Stokes-operator basis. Optics Express, 2018, 26, 5724.	3.4	5
21	Bright entanglement characteristics of subharmonic modes reflected from cavity for type II second-harmonic generation. Journal of the Optical Society of America B: Optical Physics, 2005, 22, 878.	2.1	2
22	Pure modulation and accurate measurement of optical beam's tilt and displacement. Review of Scientific Instruments, 2021, 92, 064504.	1.3	2
23	Continuous variables quantum correlation transferring with classical independent intensity beams. , 2006, , .		0
24	Ultra-wideband antenna with partial circular patch. , 2007, , .		0
25	Laser-Atom Interaction's Quantum Effects. , 2009, , .		0
26	Rotation Angular Measurement beyond Quantum Noise Limit with an Orbital Angular Position Squeezed State. , 2017, , .		0