

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	Pure modulation and accurate measurement of optical beam's tilt and displacement. Review of Scientific Instruments, 2021, 92, 064504.	1.3	2
2	Generation of squeezed states of light in arbitrary complex amplitude transverse distribution. Photonics Research, 2020, 8, 1422.	7.0	13
3	Squeezing-enhanced rotating-angle measurement beyond the quantum limit. Applied Physics Letters, 2018, 113, 261103.	3.3	22
4	Generation of a continuous-variable quadripartite cluster state multiplexed in the spatial domain. Photonics Research, 2018, 6, 479.	7.0	15
5	Experimental characterization of continuous-variable orbital angular momentum entanglement using Stokes-operator basis. Optics Express, 2018, 26, 5724.	3.4	5
6	Generating quantum correlated twin beams by four-wave mixing in hot cesium vapor. Physical Review A, 2017, 96, .	2.5	14
7	Measurement of Stokes-operator squeezing for continuous-variable orbital angular momentum. Scientific Reports, 2017, 7, 4434.	3.3	6
8	Higher order mode entanglement in a type II optical parametric oscillator. Optics Express, 2017, 25, 4985.	3.4	12
9	Rotation Angular Measurement beyond Quantum Noise Limit with an Orbital Angular Position Squeezed State. , 2017, , .		0
10	Direct generation of spatial quadripartite continuous variable entanglement in an optical parametric oscillator. Optics Letters, 2016, 41, 5178.	3.3	14
11	Experimental Generation of Continuous-Variable Hyperentanglement in an Optical Parametric Oscillator. Physical Review Letters, 2014, 113, 170501.	7.8	56
12	Experimental investigation of high-frequency-difference twin beams in hot cesium atoms. Physical Review A, 2014, 89, .	2.5	44
13	Small-displacement measurements using high-order Hermite-Gauss modes. Applied Physics Letters, 2014, 104, .	3.3	22
14	Resolution enhancement in noise spectrum by using velocity selective optical pumping in cesium vapor. Applied Physics B: Lasers and Optics, 2012, 109, 189-194.	2.2	6
15	Bright quadripartite continuous variable entanglement from coupled intracavity nonlinearities. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 518.	2.1	11
16	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
17	Design of Compact Frequency-Tuned Microstrip Balun. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 686-688.	4.0	11
18	Laser-Atom Interaction's Quantum Effects. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
19	Tripartite entanglement from the cavity with second-order harmonic generation. Physical Review A, 2008, 78, .	2.5	27
20	Optimization of the noise property of delayed light in electromagnetically induced transparency. Physical Review A, 2007, 76, .	2.5	22
21	Ultra-wideband antenna with partial circular patch. , 2007, , .		0
22	Generalization of continuous-variable quantum cloning with linear optics. Physical Review A, 2006, 73, .	2.5	6
23	Continuous variables quantum correlation transferring with classical independent intensity beams. , 2006, , .		0
24	Generation of continuous-variable tripartite entanglement using cascaded nonlinearities. Physical Review A, 2005, 71, .	2.5	79
25	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
26	Entanglement characteristics of subharmonic modes reflected from a cavity for type-II second-harmonic generation. Physical Review A, 2004, 69, .	2.5	6