

Xiang-guo

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

397
citations

10
h-index

15
g-index

66
ext. papers

446
ext. citations

1.5
avg, IF

3.9
L-index

#	Paper	IF	Citations
65	Nonclassicality and decoherence of photon-subtracted squeezed vacuum states. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012 , 29, 3141	1.7	32
64	Nonclassical properties of photon-added two-mode squeezed thermal states and their decoherence in the thermal channel. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012 , 29, 1844	1.7	31
63	Evolution of a two-mode squeezed vacuum for amplitude decay via continuous-variable entangled state approach. <i>Frontiers of Physics</i> , 2018 , 13, 1	3.7	23
62	Photon-subtracted squeezed coherent state: nonclassicality and decoherence in thermal environment. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012 , 29, 397	1.7	20
61	Nonclassical thermal-state superpositions: Analytical evolution law and decoherence behavior. <i>Optics Communications</i> , 2018 , 411, 15-20	2	19
60	Wigner function, optical tomography of two-variable Hermite polynomial state, and its decoherence effects studied by the entangled-state representations. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013 , 30, 1614	1.7	18
59	Squeezed number state and squeezed thermal state: decoherence analysis and nonclassical properties in the laser process. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012 , 29, 1835	1.7	17
58	A generalized Weyl-Wigner quantization scheme unifying P \hat{Q} and Q \hat{P} ordering and Weyl ordering of operators. <i>Chinese Physics B</i> , 2012 , 21, 064204	1.2	14
57	Nonclassicality of Photon-Added Displaced Thermal State via Quantum Phase-Space Distributions. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 024001	1.5	13
56	Wigner function and tomogram of the pair coherent state. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 363, 12-18	2.3	11
55	New generalized binomial theorems involving two-variable Hermite polynomials via quantum optics approach and their applications. <i>European Physical Journal D</i> , 2019 , 73, 1	1.3	10
54	A new finite-dimensional pair coherent state studied by virtue of the entangled state representation and its statistical behavior. <i>Optics Communications</i> , 2010 , 283, 4025-4031	2	10
53	New relationship between quantum state tomogram and its wave function. <i>Journal of Modern Optics</i> , 2017 , 64, 1398-1403	1.1	8
52	Kraus Operator-Sum Solution to the Master Equation Describing the Single-Mode Cavity Driven by an Oscillating External Field in the Heat Reservoir. <i>International Journal of Theoretical Physics</i> , 2016 , 55, 3630-3636	1.1	8
51	Analytical and numerical investigations of displaced thermal state evolutions in a laser process. <i>Chinese Physics B</i> , 2017 , 26, 120301	1.2	7
50	Generation of a new bipartite coherent-entangled state and its applications. <i>Chinese Physics B</i> , 2012 , 21, 030304	1.2	7
49	Continuous-Variable Entanglement and Wigner-Function Negativity via Adding or Subtracting Photons. <i>Annalen Der Physik</i> , 2020 , 532, 1900585	2.6	7

48	Effects of decoherence on diabatic errors in Majorana braiding. <i>Physical Review A</i> , 2019 , 100,	2.6	6
47	S-parameterized Weyl transformation and the corresponding quantization scheme. <i>Chinese Physics B</i> , 2015 , 24, 014203	1.2	6
46	A New Kind of Bipartite Entangled State and Some of Its Applications. <i>International Journal of Theoretical Physics</i> , 2011 , 50, 3348-3356	1.1	6
45	QUANTUM STATE OF JOSEPHSON JUNCTION AS COOPER PAIR NUMBER-PHASE ENTANGLED STATE IN THE BOSONIC OPERATOR JOSEPHSON MODEL. <i>International Journal of Modern Physics B</i> , 2007 , 21, 3697-3706	1.1	6
44	A new kind of nonlinear coherent states and their properties. <i>Journal of Modern Optics</i> , 2016 , 63, 2367-2373	1.1	6
43	Measurement-induced nonclassical state from two-mode squeezed vacuum states via beam splitter and its entanglement properties. <i>Laser Physics Letters</i> , 2019 , 16, 105202	1.5	6
42	Optical Tomograms of Multiple-Photon-Added Gaussian States via the Intermediate State Representation Theory. <i>Journal of Experimental and Theoretical Physics</i> , 2018 , 127, 383-390	1	6
41	Nonclassical properties of induced states from single-mode squeezed vacuum state related with Hermite excited elementary superposition operation. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	5
40	Nonclassical properties and decoherence of fields in photon-added squeezing-enhanced thermal states. <i>International Journal of Modern Physics B</i> , 2014 , 28, 1450115	1.1	5
39	New approach for deriving the exact time evolution of the density operator for a diffusive anharmonic oscillator and its Wigner distribution function. <i>Chinese Physics B</i> , 2013 , 22, 030307	1.2	5
38	Quantum theory of a mutual-inductance-coupled LC circuit including Josephson junctions studied via the entangled state representation. <i>Solid State Communications</i> , 2009 , 149, 2027-2031	1.6	5
37	The q-Analogues of Squeezed States and Some Properties. <i>International Journal of Theoretical Physics</i> , 2007 , 46, 1307-1317	1.1	5
36	Quantization of the Single-qubit Structure with SQUID. <i>International Journal of Theoretical Physics</i> , 2007 , 46, 1416-1423	1.1	5
35	Squeezed Hermite polynomial state: nonclassical features and decoherence behavior. <i>Journal of Optics (United Kingdom)</i> , 2020 , 22, 015201	1.7	5
34	Multi-variable special polynomials using an operator ordering method. <i>Frontiers of Physics</i> , 2020 , 15, 1	3.7	5
33	Statistical Properties of Photon-Added Two-Mode Squeezed Coherent States. <i>International Journal of Theoretical Physics</i> , 2017 , 56, 729-740	1.1	4
32	Induced States from Coherent State via Photon-Addition Operations. <i>International Journal of Theoretical Physics</i> , 2019 , 58, 1908-1926	1.1	4
31	Multiple-Photon-Added and -Subtracted Two-Mode Binomial States: Nonclassicality and Entanglement. <i>Communications in Theoretical Physics</i> , 2019 , 71, 807	2.4	4

30	Time evolution of angular momentum coherent state derived by virtue of entangled state representation and a new binomial theorem. <i>Chinese Physics B</i> , 2019 , 28, 100301	1.2	4
29	Optical Tomography for Single- and Two-Mode Squeezed Chaotic Fields. <i>International Journal of Theoretical Physics</i> , 2014 , 53, 1239-1247	1.1	4
28	New parameterized entangled state representation and its applications. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011 , 44, 165506	1.3	4
27	Nonclassicality via the Superpositions of Photon Addition and Subtraction and Quantum Decoherence for Thermal Noise. <i>Annalen Der Physik</i> , 2020 , 532, 2000219	2.6	4
26	Entanglement properties of a tunable non-Gaussian quantum state by virtue of multi-photon conditional measurement. <i>Laser Physics</i> , 2019 , 29, 115204	1.2	3
25	Wigner function for squeezed negative binomial state and evolution of density operator for amplitude decay. <i>Chinese Physics B</i> , 2019 , 28, 090302	1.2	3
24	Phase Space Analysis of the Two-mode Binomial State Produced by Quantum Entanglement in a Beamsplitter. <i>International Journal of Theoretical Physics</i> , 2019 , 58, 2521-2530	1.1	3
23	Time-Evolution of Photon-Number Distribution and Density Operator of Squeezed Thermal State in the Thermal Environment. <i>International Journal of Theoretical Physics</i> , 2013 , 52, 4155-4162	1.1	3
22	Entangled States in the Capacitance Coupling Double Josephson Junction Mesoscopic Circuit. <i>International Journal of Theoretical Physics</i> , 2007 , 46, 2901-2909	1.1	3
21	Wigner Functions for Two-Variable Hermite Polynomial States and Their Time-Evolutions Under Thermal Environment. <i>International Journal of Theoretical Physics</i> , 2013 , 52, 3066-3074	1.1	2
20	DECOHERENCE DYNAMICS OF A FLUX QUBIT RESPECTIVELY COUPLED TO A BOSON BATH AND A SPIN BATH. <i>International Journal of Modern Physics B</i> , 2013 , 27, 1350134	1.1	2
19	A New Kind of Bipartite Coherent-Entangled State and Its Applications in Quantum Optics. <i>International Journal of Theoretical Physics</i> , 2011 , 50, 906-915	1.1	2
18	QUANTIZATION FOR THE MESOSCOPIC RLC CIRCUIT AND ITS THERMAL EFFECT BY VIRTUE OF GHFT. <i>Modern Physics Letters B</i> , 2009 , 23, 3621-3630	1.6	2
17	Quasiprobability Distribution Functions of Squeezed Pair Coherent States. <i>International Journal of Theoretical Physics</i> , 2009 , 48, 2390-2400	1.1	2
16	Wigner-function Evolution and Photon-number Decay of Quantum States in a Laser Cavity with the Kerr Medium. <i>International Journal of Theoretical Physics</i> , 2020 , 59, 350-360	1.1	2
15	Photon-catalyzed optical coherent states generated via a non-degenerate parametric amplifier with quantum-optical catalysis. <i>Canadian Journal of Physics</i> , 2020 , 98, 119-124	1.1	2
14	New Parameterized Coherent-Entangled State Representation and Its Applications. <i>International Journal of Theoretical Physics</i> , 2013 , 52, 2255-2262	1.1	1
13	Thermal Effect for the Mesoscopic LC Circuits Including Complicated Coupling by Virtue of GHFT. <i>International Journal of Theoretical Physics</i> , 2009 , 48, 2319-2327	1.1	1

- 12 ATOMIC COHERENT STATES AS THE EIGENSTATES OF A TWO-DIMENSIONAL ANISOTROPIC HARMONIC OSCILLATOR IN A UNIFORM MAGNETIC FIELD. *Modern Physics Letters A*, **2009**, 24, 3129-3136^{1.3} 1
- 11 Statistical properties of non-Gaussian quantum states generated via thermal state truncation. *Physica A: Statistical Mechanics and Its Applications*, **2022**, 596, 127127 3.3 0
- 10 Quantum disentangling operator and squeezed vacuum state noise of a mesoscopic two-loop LC circuit with mutual inductance. *International Journal of Modern Physics B*, **2020**, 34, 2050121 1.1
- 9 MODIFIED JOSEPHSON EQUATION AND MEASUREMENT DYNAMICS FOR THE JOSEPHSON TRANSMISSION LINE DETECTOR. *Modern Physics Letters B*, **2009**, 23, 2013-2019 1.6
- 8 Wigner Functions and Tomograms of the Klauder-Perelomov Coherent States for the Pseudoharmonic Oscillator. *International Journal of Theoretical Physics*, **2009**, 48, 535-544 1.1
- 7 Wigner Functions and Tomograms of the Even and Odd Negative Binomial States. *International Journal of Theoretical Physics*, **2009**, 48, 803-814 1.1
- 6 Two-variable Hermite Polynomial State and Its Wigner Function. *International Journal of Theoretical Physics*, **2009**, 48, 3268-3277 1.1
- 5 Entangled State in Quantization of Magnetic Flux Qubits with Mutual Inductance Coupling. *International Journal of Theoretical Physics*, **2009**, 48, 1545-1553 1.1
- 4 Selection Rules of Energy-Level Transition for the Capacitance Coupling LC Mesoscopic Circuit by Using Invariant Eigen-Operator Method. *International Journal of Theoretical Physics*, **2010**, 49, 2313-2319^{1.1}
- 3 Equivalent Analogy of Mesoscopic RLC Circuit and Its Thermal Effect. *International Journal of Theoretical Physics*, **2010**, 49, 1768-1774 1.1
- 2 Evolution of Quantum States Simultaneously Undergoing Two Kinds of Quantum Noises. *International Journal of Theoretical Physics*, **2021**, 60, 3115-3127 1.1
- 1 Quantization of double enhanced charge phase-slip qubits and quantum entanglement control. *International Journal of Modern Physics B*, **2021**, 35, 2150041 1.1