

A-S F Obada

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/412847/publications.pdf>

Version: 2024-02-01

208
papers

2,482
citations

201674

27
h-index

330143

37
g-index

210
all docs

210
docs citations

210
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic decoherence effect on dynamics of a $\hat{\rho}$ -type qutrit interacting nonlinearly with a coherent field. AEJ - Alexandria Engineering Journal, 2022, 61, 2348-2353.	6.4	2
2	Entanglement dynamics of a dispersive system of two driven qubits localized in coherently two linked optical cavities: two dispersive spatial distant driven Jaynes-Cummings cells. Optical and Quantum Electronics, 2022, 54, 1.	3.3	1
3	A study of a nonlinear interaction between a two-mode cavity field and $\hat{\rho}$ -type four-level with field damping. Modern Physics Letters A, 2022, 37, .	1.2	0
4	Quantum state transfer by electromagnetic fields initialized in vacuum states in a system comprised of two consecutive cavities connected by an optical fiber in the presence of an external classical field. Quantum Information Processing, 2022, 21, .	2.2	0
5	Atomic Marginal Distribution and Squeezing Phenomena of Correlated Two Modes Interacting with a Three-Level Atom in the Presence of an External Classical Field. International Journal of Optics, 2022, 2022, 1-11.	1.4	1
6	A nonlinear interaction between SU(1,1) quantum system and a three-level atom in different configurations with damping term. Physica Scripta, 2021, 96, 045105.	2.5	6
7	Maximally Entangled SU(1,1) Semi Coherent States. International Journal of Theoretical Physics, 2021, 60, 1425-1437.	1.2	0
8	Dynamics of nonclassical properties of a SU(3) system interacting with two open parametric amplifier modes. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1556.	2.1	0
9	Influence of the dissipation on the N-level atom interacting with a two two-level atoms in presence of qubit-qubit interaction. Scientific Reports, 2021, 11, 7345.	3.3	1
10	Tavis-Cummings Model with Moving Atoms. Entropy, 2021, 23, 452.	2.2	8
11	Quantumness Measures for a System of Two Qubits Interacting with a Field in the Presence of the Time-Dependent Interaction and Kerr Medium. Entropy, 2021, 23, 635.	2.2	5
12	Nonclassical correlations in two-qubit Ising model with an arbitrary magnetic field: Local quantum Fisher information and local quantum uncertainty. European Physical Journal Plus, 2021, 136, 1.	2.6	7
13	Some Nonclassical Effects of Two Three-Level Atoms Interacting with SU(1) Quantum System. Journal of Russian Laser Research, 2020, 41, 459-469.	0.6	0
14	Quantum dynamics of a qutrit in a cavity filled with Kerr-like medium and intrinsic noise. Modern Physics Letters A, 2020, 35, 2050287.	1.2	3
15	Nonclassical effects for a qubit coupled to a coherent two-mode cavity with intrinsic decoherence. Results in Physics, 2020, 19, 103370.	4.1	1
16	Dynamical characteristic of entropic uncertainty relation in the long-range Ising model with an arbitrary magnetic field. Quantum Information Processing, 2020, 19, 1.	2.2	12
17	Nonlinear Dynamics of a Cavity Containing a Two-Mode Coherent Field Interacting with Two-Level Atomic Systems. Applied Sciences (Switzerland), 2020, 10, 7150.	2.5	1
18	Generating non-locality correlation via 2-photon resonant interaction of dissipative two-qubit system with coherent field. European Physical Journal D, 2020, 74, 1.	1.3	0

#	ARTICLE	IF	CITATIONS
19	Entanglement Control of Two-Level Atoms in Dissipative Cavities. Applied Sciences (Switzerland), 2020, 10, 1510.	2.5	3
20	Interaction between two two-level atoms coupled to N-level quantum system. Optical and Quantum Electronics, 2019, 51, 1.	3.3	4
21	Suppressing the information losses of accelerated qubitâ€™qutrit system. International Journal of Quantum Information, 2019, 17, 1950032.	1.1	11
22	Wigner function of noisy accelerated two-qubit system. Quantum Information Processing, 2019, 18, 1.	2.2	9
23	External Classical Field and Damping Effects on a Moving two Level atom in a Cavity Field Interaction with Kerr-like Medium. International Journal of Theoretical Physics, 2019, 58, 4012-4024.	1.2	22
24	Singleâ€™Atom Entanglement for a System of Directly Linked Two Cavities in the Presence of an External Classical Field: Effect of Atomic Coherence. Fortschritte Der Physik, 2019, 67, 1800101.	4.4	4
25	Direct Observation of Dissipation in Dynamical Search Algorithm using Transmon Qubits. Annalen Der Physik, 2019, 531, 1900022.	2.4	0
26	Influence of the Coupling between Two Qubits in an Open Coherent Cavity: Nonclassical Information via Quasi-Probability Distributions. Entropy, 2019, 21, 1137.	2.2	5
27	Dynamical Controls for Improving Quantum Search Algorithm Through Flux Qubits System. Fortschritte Der Physik, 2018, 66, 1700080.	4.4	1
28	The Dynamics of a Five-level (Double \hat{I})-type Atom Interacting with Two-mode Field in a Cross Kerr-like Medium. International Journal of Theoretical Physics, 2018, 57, 1210-1223.	1.2	5
29	Robustness of Quantum Correlations in Entangled Two $su(2)$ Systems Non-mutually Interacting with $su(1, 1)$ System under Intrinsic Decoherence. Open Systems and Information Dynamics, 2018, 25, 1850015.	1.2	0
30	Non-classical correlations in two quantum dots coupled in a coherent resonator field under decoherence. Quantum Information Processing, 2018, 17, 1.	2.2	7
31	Influence of an External Classical Field on the Interaction Between a Field and an Atom in Presence of Intrinsic Damping. International Journal of Theoretical Physics, 2018, 57, 2787-2801.	1.2	9
32	Time-Dependent Interaction Between a Two-Level Atom and N Two-Level Atoms in Terms of $su(2)$ Lie Algebra. Journal of Russian Laser Research, 2017, 38, 37-49.	0.6	2
33	Quantum effects due to the interaction between $Su(1,1)$ and $Su(2)$ quantum systems with damping. European Physical Journal D, 2017, 71, 1.	1.3	6
34	Time-dependent interaction between a two-level atom and a $su(1,1)$ Lie algebra quantum system. International Journal of Modern Physics B, 2017, 31, 1750211.	2.0	3
35	Effect of Time Dependent Coupling on the Dynamical Properties of the Nonlocal Correlation Between Two Three-Level Atoms. International Journal of Theoretical Physics, 2017, 56, 2898-2910.	1.2	16
36	A two-dimensional image segmentation method based on genetic algorithm and entropy. Optik, 2017, 131, 414-422.	2.9	67

#	ARTICLE	IF	CITATIONS
37	A moving three-level $\hat{\rho}$ -type atom in a dissipative cavity. European Physical Journal D, 2017, 71, 1.	1.3	9
38	Superposition of Two Squeezed Displaced Fock States With Different Coherent Parameters. Applied Mathematics and Information Sciences, 2017, 11, 1399-1406.	0.5	1
39	A moving three-level atom interacting with a two-mode field: some atom-field aspects. Journal of Modern Optics, 2016, 63, 2315-2325.	1.3	7
40	New Approach to Image Edge Detection Based on Quantum Entropy. Journal of Russian Laser Research, 2016, 37, 141-154.	0.6	11
41	Sudden death and rebirth of entanglement for different dimensional systems driven by a classical random external field. Laser Physics Letters, 2016, 13, 105206.	1.4	11
42	Information dynamics for a non-degenerate two-photon JC model in phase damping cavity. Optik, 2016, 127, 3266-3270.	2.9	4
43	Effects of a phase-damping cavity on entanglement and purity loss in two-qubit system. Quantum Information Processing, 2015, 14, 2043-2053.	2.2	1
44	Stationary discord and non-local correlations via qubit damping. Journal of Modern Optics, 2015, 62, 918-926.	1.3	6
45	Influence of Various Environments on Information and Entanglement Dynamics for Two Interacting Qubits. Journal of Russian Laser Research, 2015, 36, 24-34.	0.6	1
46	Efficient realization of quantum search algorithm using quantum annealing processor with dissipation. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 2025.	2.1	11
47	Entropy squeezing for qubit-field system in the presence multi-photon process under decoherence effect. Optical and Quantum Electronics, 2015, 47, 267-278.	3.3	2
48	Entanglement in a system of a three-level atom interacting with a single-mode field in the presence of arbitrary forms of the nonlinearity and of the atomic initial state. Laser Physics, 2014, 24, 055201.	1.2	6
49	Entropy squeezing for qubit-field system under decoherence effect. Quantum Electronics, 2014, 44, 274-278.	1.0	2
50	Purity and Correlation of a Cavity Field Interacting with a SC Charge Qubit with a Lossy Cavity. International Journal of Theoretical Physics, 2014, 53, 1325-1336.	1.2	7
51	Efficient protocol of N -bit discrete quantum Fourier transform via transmon qubits coupled to a resonator. Quantum Information Processing, 2014, 13, 475-489.	2.2	32
52	Dynamics of an adiabatically effective two-level atom interacting with a star-like system. Progress of Theoretical and Experimental Physics, 2014, 2014, .	6.6	7
53	Quantum treatment for three waves mutually interacting with a single two-level atom. Laser Physics, 2014, 24, 105205.	1.2	6
54	The geometric phase of a two-level atom in a narrow-bandwidth squeezed vacuum. Optik, 2014, 125, 6335-6339.	2.9	1

#	ARTICLE	IF	CITATIONS
55	Quantum Information Features Attendant to Atomic Spontaneous Decay. Applied Mathematics and Information Sciences, 2014, 8, 1167-1172.	0.5	1
56	Quantum treatment for two two-level atoms in interaction with an SU(1,1) quantum system. Journal of Russian Laser Research, 2013, 34, 87-101.	0.6	7
57	Investigations of information quantifiers for the Tavis-Cummings model. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 6624-6632.	2.6	12
58	Spatial dependence of moving three-level atoms interacting with a three-laser beam. Canadian Journal of Physics, 2013, 91, 1068-1073.	1.1	6
59	Information entropy and entanglement of a superconducting qubit coupled to a cavity field with its spontaneous decay. Optical and Quantum Electronics, 2013, 45, 1287-1295.	3.3	5
60	Quantum correlations of two non-interacting ion's internal electronic states with intrinsic decoherence. Optics Communications, 2013, 309, 236-241.	2.1	27
61	Entanglement for a general formalism of a three-level atom in a V-configuration interacting nonlinearly with a non-correlated two-mode field. Laser Physics, 2013, 23, 055201.	1.2	13
62	A proposal for the realization of universal quantum gates via superconducting qubits inside a cavity. Annals of Physics, 2013, 334, 47-57.	2.8	16
63	Influence of the phase damping for two-qubits system in the dispersive reservoir. Quantum Information Processing, 2013, 12, 1947-1956.	2.2	5
64	Implementing discrete quantum Fourier transform via superconducting qubits coupled to a superconducting cavity. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1178.	2.1	32
65	Entanglement of a cavity field interacting with a superconducting charge qubit. Progress of Theoretical and Experimental Physics, 2013, 2013, .	6.6	3
66	COHERENT AND INCOHERENT BEHAVIORS OF QUBITS INTERACTING WITH A SPIN-PATH PARTICLE. International Journal of Modern Physics B, 2013, 27, 1350076.	2.0	1
67	The influence of phase damping on a two-level atom in the presence of the classical laser field. Laser Physics, 2013, 23, 115201.	1.2	21
68	Entropy of a general three-level atom interacting with a two mode. Laser Physics, 2013, 23, 025201.	1.2	15
69	Nonclassical properties for a modified class of correlated states driven via a quantum system. Physica Scripta, 2012, 85, 065401.	2.5	0
70	Wigner function and phase properties for a two-qubit field system under pure phase noise. Journal of Russian Laser Research, 2012, 33, 369-378.	0.6	1
71	Quantum logic gates generated by SC-charge qubits coupled to a resonator. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 485305.	2.1	8
72	Effects of Stark shift and decoherence terms on the dynamics of phase-space entropy of the multiphoton Jaynes Cummings model. Physica Scripta, 2012, 86, 055009.	2.5	19

#	ARTICLE	IF	CITATIONS
73	Quantum Entropy of a Four-Level Atom with Arbitrary Nonlinearities. International Journal of Theoretical Physics, 2012, 51, 2665-2680.	1.2	14
74	Death of entanglement and purity in a two qubitsâ€field system induced by phase damping. Journal of Russian Laser Research, 2012, 33, 32-41.	0.6	1
75	New features of a single-mode nonlinear Stark shift in the presence of phase damping. Optics Communications, 2012, 285, 2675-2681.	2.1	9
76	Death of entanglement and non-locality in a superconducting qubit-field entangled state in a thermal reservoir. Optics Communications, 2012, 285, 3027-3031.	2.1	18
77	Quantum Fisher information for a qubit system placed inside a dissipative cavity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1412-1416.	2.1	77
78	ENTANGLEMENT OF A TWO-LEVEL ATOM INTERACTING WITH A NEW STRUCTURE OF A GENERALIZED NONLINEAR STARK SHIFT VIA \hat{I} CONFIGURATION. International Journal of Modern Physics B, 2011, 25, 2621-2636.	2.0	3
79	Erasing information and purity of a quantum dot via its spontaneous decay. Solid State Communications, 2011, 151, 1824-1827.	1.9	28
80	Asymptotic geometric phase and purity for phase qubit dispersively coupled to lossy LC circuit. Annals of Physics, 2011, 326, 2369-2376.	2.8	8
81	Nonclassical Properties of Squeezed Finite-Dimensional Pair Coherent State. International Journal of Theoretical Physics, 2011, 50, 181-199.	1.2	3
82	Entanglement sudden death of a SC-qubit strongly coupled with a quantized mode of a lossy cavity. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 519-524.	2.6	38
83	Information quantifiersâ€™ description of weak field vs. strong field dynamics for a trapped ion in a laser field. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 525-533.	2.6	28
84	Multi-particle entanglement of charge qubits coupled to a nanoresonator. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 1625-1630.	2.7	9
85	The quantum computational speed of a single Cooper-pair box. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 1792-1797.	2.7	28
86	A NEW PARAMETER OF ENTANGLEMENT FOR A QUBIT SYSTEM PLACED INSIDE A DISSIPATIVE CAVITY. International Journal of Quantum Information, 2011, 09, 1091-1100.	1.1	3
87	New Aspects of Field Entropy Squeezing as an Indicator for Mixed State Entanglement in an Effective Two-Level System with Stark Shift. Chinese Physics Letters, 2011, 28, 120305.	3.3	5
88	New features of Wehrl entropy and Wehrl PD of a single Cooper-pair box placed inside a dissipative cavity. Annals of Physics, 2010, 325, 2542-2549.	2.8	34
89	Entangled Finite Dimensional Pair Coherent States and Their Applications. International Journal of Theoretical Physics, 2010, 49, 1823-1862.	1.2	7
90	Effect of atomic spontaneous decay on entanglement in the generalized Jaynesâ€Cummings model. Annals of Physics, 2010, 325, 519-527.	2.8	12

#	ARTICLE	IF	CITATIONS
91	Quantum heat engine: A fully quantized model. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 454-460.	2.7	7
92	Invariant dynamics of a superconducting qubit strongly coupled to a cavity field without energy relaxation. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 1262-1266.	2.7	4
93	Entanglement evaluation with atomic Fisher information. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 891-898.	2.6	47
94	Dynamics of an atom coupled through a parametric frequency converter with quantum and classical fields. Optics Communications, 2010, 283, 2820-2823.	2.1	5
95	New features of entanglement and other applications of a two-qubit system. Optics Communications, 2010, 283, 4662-4670.	2.1	27
96	Quantum entanglement in a system of two moving atoms interacting with a single mode field. Physica Scripta, 2010, 81, 055303.	2.5	6
97	Some entanglement features of a three-atom Tavis-Cummings model: a cooperative case. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 095501.	1.5	10
98	Output entanglement from SU(1, 1) coherent states under nonlinear dissipation in the dispersive limit. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 025305.	2.1	11
99	ENTROPY GROWTH INDUCED BY A SQUEEZED FIELD WITH A PHASE-DAMPING RESERVOIR. International Journal of Modern Physics B, 2009, 23, 4993-5001.	2.0	1
100	ENTANGLEMENT OF A GENERAL FORMALISM \hat{V} -TYPE THREE-LEVEL ATOM INTERACTING WITH A SINGLE-MODE FIELD IN THE PRESENCE OF NONLINEARITIES. International Journal of Modern Physics B, 2009, 23, 3241-3254.	2.0	5
101	Quantum properties of a superposition of squeezed displaced two-mode vacuum and single-photon states. Physica Scripta, 2009, 79, 035402.	2.5	1
102	Quantum phase properties and Wigner function of two 2-level atoms in the presence of the Stark shift for the Tavis-Cummings model. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 175502.	1.5	2
103	Entanglement of a General Formalism V-Type Three-Level Atom Interacting with a Single-Mode Field in the Presence of Nonlinearities. International Journal of Theoretical Physics, 2009, 48, 380-391.	1.2	13
104	Entanglement for the System of Two 2-Level Atoms Interacting with a Single-Mode Through Cooperative Interaction. International Journal of Theoretical Physics, 2009, 48, 3643-3650.	1.2	4
105	The atomic Wehrl entropy of a V-type three-level atom interacting with two-mode squeezed vacuum state. Journal of Russian Laser Research, 2009, 30, 146-156.	0.6	14
106	The master equation for a two-level atom in a laser field with squeezing-like terms. Optics Communications, 2009, 282, 914-921.	2.1	11
107	Entanglement in a system of an \hat{V} -type three-level atom interacting with a non-correlated two-mode cavity field in the presence of nonlinearities. Optics Communications, 2009, 282, 2184-2191.	2.1	25
108	Applications of the master equation of a two-level atom in a narrow-bandwidth squeezed vacuum. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 3961-3968.	2.6	3

#	ARTICLE	IF	CITATIONS
109	Dynamics of Bloch vectors and channel capacity of two non-identical charge qubits. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 927-933.	2.1	4
110	A treatment of the emission and absorption spectra of a general formalism V-type three-level atom driven by a single-mode field with nonlinearities. <i>Laser Physics</i> , 2009, 19, 1434-1445.	1.2	3
111	Effects of cavity damping on the entanglement for a three-level atomic system. <i>Journal of Modern Optics</i> , 2009, 56, 881-885.	1.3	14
112	ENTANGLEMENT OF A GENERAL FORMALISM $\hat{\lambda}$ -TYPE THREE-LEVEL ATOM INTERACTING WITH A SINGLE-MODE FIELD IN THE PRESENCE OF NONLINEARITIES. <i>International Journal of Modern Physics B</i> , 2009, 23, 2269-2283.	2.0	5
113	Quantum optical thermodynamic machines: Lasing as relaxation. <i>Physical Review E</i> , 2009, 80, 061129.	2.1	27
114	An analytical description of the atomic information entropy in a multi-level system. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 3065-3071.	2.6	2
115	Emission and absorption spectra of a $\hat{\lambda}$ type three-level atom driven by a two-mode cavity field with nonlinearities. <i>Journal of Russian Laser Research</i> , 2008, 29, 184-200.	0.6	0
116	Von Neumann entropy and entropy squeezing of a two-level atom and the superposition of squeezed displaced fock states. <i>Journal of Russian Laser Research</i> , 2008, 29, 398-407.	0.6	0
117	Analytic Representations Based on SU(1,1) Lie Algebra Coherent States for Squeezed Displaced Fock States. <i>Applied Categorical Structures</i> , 2008, 16, 3-11.	0.5	0
118	The effects of thermal photons on entanglement dynamics for a dispersive Jaynes-Cummings model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 3699-3706.	2.1	36
119	Single-atom entropy squeezing for two two-level atoms interacting with a single-mode radiation field. <i>Optics Communications</i> , 2008, 281, 2854-2863.	2.1	31
120	Effect of phase-damped cavity on dynamics of tangles of a nondegenerate two-photon JC model. <i>Optics Communications</i> , 2008, 281, 5189-5193.	2.1	34
121	Entropy squeezing of time dependent single-mode Jaynes-Cummings model in presence of non-linear effect. <i>Chaos, Solitons and Fractals</i> , 2008, 36, 405-417.	5.1	32
122	Transient entropy squeezing of a single-Cooper-pair box placed inside a phase-damped cavity. <i>Optics Communications</i> , 2008, 281, 6019-6023.	2.1	6
123	Emission and absorption spectra of a general formalism $\hat{\lambda}$ -type three-level atom driven by a single-mode field with nonlinearities. <i>Laser Physics</i> , 2008, 18, 894-906.	1.2	3
124	Influence of phase damping on the entanglement for the damped JC model in the pure and mixed states. <i>Laser Physics</i> , 2008, 18, 1111-1117.	1.2	27
125	Treatment of the emission and absorption spectra for a $\hat{\lambda}$ -type three-level atom driven by a single-mode field with nonlinearities. <i>Laser Physics</i> , 2008, 18, 1164-1175.	1.2	6
126	Evolution of the pair-coherent state with the two-qubit: entanglement and cat-state generation. <i>Journal of Modern Optics</i> , 2008, 55, 1649-1666.	1.3	2

#	ARTICLE	IF	CITATIONS
127	Entropy and entanglement in the Jaynes-Cummings model with effects of cavity damping. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 135503.	1.5	9
128	WEHRL ENTROPY AND ENTANGLEMENT OF A TIME-DEPENDENT TWO-LEVEL TRAPPED ION INTERACTING WITH A LASER FIELD. International Journal of Quantum Information, 2008, 06, 331-339.	1.1	1
129	On SU(1,1) intelligent coherent states. Physica Scripta, 2008, 78, 035401.	2.5	3
130	Nonclassical properties of a nonlinear generalized geometric state. Physica Scripta, 2008, 77, 055002.	2.5	1
131	Treatment of the emission and absorption spectra of a general formalism $\hat{\rho}$ -type three-level atom driven by a two-mode field with nonlinearities. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 115501.	1.5	6
132	Entanglement of a general formalism $\hat{\rho}$ -type three-level atom interacting with a non-correlated two-mode cavity field in the presence of nonlinearities. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 195503.	1.5	8
133	Entropies and entanglement for decoherence without energy relaxation in a two-level atom. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 2241-2248.	1.5	29
134	Generation and some statistical properties of nonlinear pair-coherent states. Physica Scripta, 2007, 75, 557-564.	2.5	4
135	QUANTUM INFORMATION ENTROPY FOR A MULTILEVEL SYSTEM. International Journal of Modern Physics B, 2007, 21, 5351-5362.	2.0	2
136	Generation of three-qubit entangled states using coupled multi-quantum dots. Laser Physics Letters, 2007, 4, 399-403.	1.4	7
137	Statistical properties of the nonlinear negative binomial state. Optics Communications, 2007, 274, 372-383.	2.1	10
138	Entropy and entanglement in the mixed state for a dispersive JC model in a phase-damped cavity. Optics Communications, 2007, 280, 230-235.	2.1	14
139	Fidelity of isotropic-coupled oscillators interacting with a single atom. Laser Physics, 2007, 17, 1151-1156.	1.2	1
140	Nonlinear squeezed states for SU(1,1) Lie algebra. European Physical Journal D, 2007, 41, 189-198.	1.3	6
141	Sensitive Response of the Quantum Entropies to Jaynes-Cummings Model in Presence of a Second Harmonic Generation. International Journal of Theoretical Physics, 2007, 46, 637-651.	1.2	4
142	Quantum Mutual Entropy for a Multilevel Atom Interacting with a Cavity Field. International Journal of Theoretical Physics, 2007, 46, 972-983.	1.2	2
143	Entropies and Entanglement for Initial Mixed State in the Multi-quanta JC Model with the Stark Shift and Kerr-like Medium. International Journal of Theoretical Physics, 2007, 46, 1027-1044.	1.2	30
144	Generation of a nonlinear two-mode Stark shift through the adiabatic elimination method. Journal of Modern Optics, 2006, 53, 1149-1163.	1.3	23

#	ARTICLE	IF	CITATIONS
145	Generation and some non-classical properties of a finite dimensional pair coherent state. Optics Communications, 2006, 260, 19-24.	2.1	23
146	More efficient purifying scheme via controlledâ€“controlled NOT gate. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 352, 45-48.	2.1	13
147	Entanglement of a three-level trapped atom in the presence of another three-level trapped atom. Optics Communications, 2006, 265, 551-558.	2.1	7
148	Fluorescence and absorption spectra for a multi-photon Jaynesâ€“Cummings in the presence of nonlinearities and stark shift. Chaos, Solitons and Fractals, 2006, 29, 262-276.	5.1	1
149	Influence of Kerr-like medium on a nonlinear two-level atom. Chaos, Solitons and Fractals, 2006, 28, 983-993.	5.1	42
150	SUB-ENTROPIES AND PHASE PROPERTIES UNDERGOING THE EFFECTS OF ATOMIC MOTION FOR THE JAYNESâ€“CUMMINGS MODEL WITH INITIAL MIXED STATE INPUT. International Journal of Quantum Information, 2006, 04, 871-882.	1.1	4
151	Entangled states and information induced by the atomâ€“field interaction. Optics Communications, 2005, 250, 148-156.	2.1	20
152	Generation of a nonlinear stark shift through the adiabatic elimination method. Optics Communications, 2005, 254, 76-87.	2.1	27
153	Two-level atom in a squeezed vacuum with the two photon process via ac-Stark effect. Chaos, Solitons and Fractals, 2005, 26, 467-479.	5.1	1
154	Von Neumann entropy and phase distribution of two mode parametric amplifier interacting with a single atom. Annals of Physics, 2005, 318, 266-285.	2.8	35
155	Phase entropy of a single trapped ion interacting with a laser field. Laser Physics Letters, 2005, 2, 208-213.	1.4	7
156	Entropy squeezing of a driven two-level atom in a cavity with injected squeezed vacuum. Chaos, Solitons and Fractals, 2005, 26, 1293-1307.	5.1	31
157	Generalized Trio Coherent States. International Journal of Theoretical Physics, 2005, 44, 1347-1364.	1.2	3
158	von Neumann Mutual Information for Anisotropic Coupled Oscillators Interacting with a Single Two-Level Atom. International Journal of Theoretical Physics, 2005, 44, 1649-1662.	1.2	6
159	A TREATMENT OF THE QUANTUM PARTIAL ENTROPIES IN THE ATOM-FIELD INTERACTION WITH A CLASS OF SCHRÅ–DINGER CAT STATES. International Journal of Quantum Information, 2005, 03, 591-602.	1.1	10
160	Non-linear squeezing of the vacuum and the one-photon states as realizations of theSU(1,1) group. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, 57-65.	1.4	17
161	Statistical properties of nonlinear intermediate states: binomial state. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, S695-S704.	1.4	8
162	A class of nonlinear squeezed coherent states. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, S635-S642.	1.4	14

#	ARTICLE	IF	CITATIONS
163	Some non-classical properties of a class of new nonlinear coherent states. Journal of Modern Optics, 2005, 52, 1263-1274.	1.3	4
164	Reply to Comment on \hat{A} Quantum inversion of cold atoms in a microcavity: spatial dependence \hat{A} . Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, 1747-1749.	1.5	4
165	Isotropic-coupled oscillators interacting with a single atom via two-photon processes: quantum information aspects. Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, 775-790.	1.5	7
166	Quantum teleportation via entangled states generated by the Jaynes-Cummings model. Chaos, Solitons and Fractals, 2004, 22, 529-535.	5.1	28
167	Analytic solution for entangled two-qubit in a cavity field. Journal of Mathematical Physics, 2004, 45, 4271-4281.	1.1	4
168	Partial phase state as a nonlinear coherent state and some of its properties. Journal of Modern Optics, 2004, 51, 209-222.	1.3	8
169	Entanglement generation and entropy growth due to intrinsic decoherence in the Jaynes-Cummings model. Journal of the Optical Society of America B: Optical Physics, 2004, 21, 1535.	2.1	42
170	Engineering entanglement of a general three-level system interacting with a correlated two-mode nonlinear coherent state. European Physical Journal D, 2003, 23, 155-165.	1.3	48
171	A tentative approach to entanglement measures for a system of a three-level atom interacting with a quantized cavity-field. European Physical Journal D, 2003, 27, 277-285.	1.3	13
172	Nonclassical effects in a three-level atom one-mode system with arbitrary forms of nonlinearities. Physica A: Statistical Mechanics and Its Applications, 2003, 329, 53-67.	2.6	11
173	Excited atomic coherent states. Journal of Modern Optics, 2003, 50, 2163-2171.	1.3	1
174	SHANNON INFORMATION AND ENTROPY SQUEEZING OF TWO FIELDS PARAMETRIC FREQUENCY CONVERTER INTERACTING WITH A SINGLE-ATOM. International Journal of Quantum Information, 2003, 01, 359-373.	1.1	9
175	QUANTUM TREATMENT OF A TIME DEPENDENT SINGLE-TRAPPED ION INTERACTING WITH A BIMODAL CAVITY FIELD. International Journal of Modern Physics B, 2003, 17, 5925-5941.	2.0	13
176	Spatial Variation Effects on Quantum Theory of the Micromaser with Ultra-Cold \hat{I} -Type Three-Level Atom. International Journal of Modern Physics B, 2003, 17, 2735-2747.	2.0	8
177	Fluorescence Spectrum of an Atom Interacting with a Quantized Cavity Field with Arbitrary Nonlinearities. International Journal of Nanoscience, 2003, 02, 49-63.	0.7	1
178	A class of nonlinear coherent states and some of their properties. Journal of Optics B: Quantum and Semiclassical Optics, 2003, 5, 211-217.	1.4	13
179	INDUCED EMISSION OF COLD ATOMS PASSING THROUGH A MICROMASER CAVITY: SPATIAL DEPENDENCE. Modern Physics Letters B, 2002, 16, 117-125.	1.9	8
180	Quantum inversion of cold atoms in a microcavity: spatial dependence. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 807-813.	1.5	8

#	ARTICLE	IF	CITATIONS
181	Degree of entanglement for anisotropic coupled oscillators interacting with a single atom. Journal of Optics B: Quantum and Semiclassical Optics, 2002, 4, 396-401.	1.4	42
182	Entropy and phase properties of isotropic coupled oscillators interacting with a single atom: one-and two-photon processes. Journal of Optics B: Quantum and Semiclassical Optics, 2002, 4, S133-S141.	1.4	35
183	INFLUENCE OF SUPERPOSITION OF COHERENT STATES OF LIGHT ON THE EVOLUTION OF THE FIELD ENTROPY AND ENTANGLEMENT IN THE INTENSITY-DEPENDENT JCM. Modern Physics Letters B, 2002, 16, 1097-1106.	1.9	14
184	Entanglement degree of a nonlinear multiphoton Jaynes-Cummings model. Journal of Optics B: Quantum and Semiclassical Optics, 2002, 4, 37-43.	1.4	34
185	Entropy squeezing of a two-mode multiphoton Jaynes-Cummings model in the presence of a nonlinear medium. Journal of Optics B: Quantum and Semiclassical Optics, 2002, 4, 134-142.	1.4	38
186	Odd-Excited Binomial States of the Radiation Field and Some of Their Statistical Properties. International Journal of Theoretical Physics, 2002, 41, 1755-1768.	1.2	6
187	Semiclassical stability analysis of a two-photon laser including spatial variation of the cavity field. European Physical Journal D, 2001, 15, 385-391.	1.3	2
188	Generation and Properties of a Superposition of Four Displaced Fock States. International Journal of Theoretical Physics, 2001, 40, 1715-1735.	1.2	4
189	Aspects of the Two-Level Atom in Squeezed Displaced Fock States. Physica Scripta, 2001, 64, 573-579.	2.5	2
190	Quantum information and entropy squeezing of a two-level atom with a non-linear medium. Journal of Physics A, 2001, 34, 9129-9141.	1.6	43
191	INFLUENCE OF SQUEEZING OPERATOR ON THE QUANTUM PROPERTIES OF VARIOUS BINOMIAL STATES. International Journal of Modern Physics B, 2001, 15, 75-100.	2.0	7
192	Title is missing!. International Journal of Theoretical Physics, 2000, 39, 1499-1513.	1.2	4
193	Pancharatnam Phase of Two-Mode Optical Fields with Kerr Nonlinearity. Optical Review, 2000, 7, 499-504.	2.0	35
194	QUANTUM STATISTICS OF A NEW TWO MODE SQUEEZE OPERATOR MODEL. International Journal of Modern Physics B, 2000, 14, 1105-1128.	2.0	2
195	Superpositions of squeezed displaced Fock states: Properties and generation. Journal of Modern Optics, 1999, 46, 263-278.	1.3	21
196	Statistical Properties of the Odd Binomial States with Dynamical Applications. International Journal of Theoretical Physics, 1999, 38, 1493-1520.	1.2	14
197	SUPERPOSITIONS OF SQUEEZED COHERENT STATES: PROPERTIES AND GENERATION. International Journal of Modern Physics B, 1999, 13, 2299-2312.	2.0	8
198	Superpositions of squeezed displaced Fock states: properties and generation. Journal of Modern Optics, 1999, 46, 263-278.	1.3	5

#	ARTICLE	IF	CITATIONS
199	Influence of intrinsic decoherence on nonclassical effects in the nondegenerate bimodal multiqumta Jaynes-Cummings model. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 5085-5104.	1.5	20
200	Squeezed displaced Fock states and non-diagonal P representation. Journal of Modern Optics, 1998, 45, 713-734.	1.3	10
201	Squeezed displaced Fock states and non-diagonal P representation. Journal of Modern Optics, 1998, 45, 713-734.	1.3	1
202	Some statistical properties of the even and the odd negative binomial states. Journal of Physics A, 1997, 30, 81-97.	1.6	19
203	Phase properties of coherent phase and generalized geometric states. Journal of Modern Optics, 1997, 44, 149-161.	1.3	11
204	Field distribution in a generalized geometric radiation state. Physical Review A, 1995, 51, 2644-2647.	2.5	10
205	Variation from number- to chaotic-state fields: A generalized geometric state. Physical Review A, 1993, 48, 3174-3185.	2.5	24
206	Effect of atomic coherence on squeezing. Physical Review A, 1991, 43, 5161-5164.	2.5	15
207	Amplitude-squared squeezing of the Jaynes-Cummings model. Physical Review A, 1989, 40, 4476-4480.	2.5	35
208	N-level atom and N-1 modes: Statistical aspects and interaction with squeezed light. Physical Review A, 1987, 35, 1634-1647.	2.5	64