Basilio Baseia

List of Publications by Year
in descending order

175 papers	1,968 citations	257357 24 h-index	377752 34 g-index
175 all docs	175 docs citations	175 times ranked	640 citing authors

#	Article	IF	Citations
1	Remarkable Nonlinear Properties of a Novel Quinolidone Derivative: Joint Synthesis and Molecular Modeling. Molecules, 2022, 27, 2379.	1.7	3
2	A new isostructural halogenated chalcone with optical properties. Journal of Molecular Modeling, 2021, 27, 52.	0.8	3
3	PCM-DFT Investigation on the Linear and Nonlinear Optical Properties of Two Triazole Derivatives in Different Solvents. , 2021, 8, 175-236.		0
4	Molecular modelling and optical properties of a novel fluorinated chalcone. Arabian Journal of Chemistry, 2020, 13, 3362-3371.	2.3	12
5	On the potential as nonlinear optical material of a new chalcone derivative and its crystal and topological analysis. Journal of Molecular Structure, 2020, 1201, 127131.	1.8	5
6	Growth and characterization of a new chlorine substituted chalcone: A third order nonlinear optical material. Journal of Molecular Structure, 2020, 1201, 127137.	1.8	10
7	Theoretical study of solvent effects on the hyperpolarizabilities of two chalcone derivatives. Revista Colombiana De Quimica, 2020, 49, 33-39.	0.2	6
8	A Study of the Nonlinear Optical Properties of Stilbazolium Derivative Crystal. Journal of Atomic Molecular Condensate and Nano Physics, 2020, 7, 73-81.	0.2	3
9	Time evolution of statistical properties of a radiation field described by a density operator that interpolates between pure and mixing states. European Physical Journal B, 2019, 92, 1.	0.6	2
10	Hyperpolarizability studies and Hirshfeld surface analysis of two heterocyclic chalcones. Journal of Molecular Modeling, 2019, 25, 324.	0.8	4
11	Obtaining phase-optimized states from superpositions of coherent states in phase-sensitive attenuating/amplifying reservoirs. Annals of Physics, 2019, 406, 86-107.	1.0	2
12	Prediction of the Linear and Nonlinear Optical Properties of a Schiff Base Derivatives via DFT. Advances in Condensed Matter Physics, 2019, 2019, 1-12.	0.4	9
13	Evolution of Statistical Properties of Hybrid System Starting from Binary Field States Constructed in Experiments. Brazilian Journal of Physics, 2019, 49, 173-182.	0.7	0
14	Using the Supermolecule Approach To Predict the Nonlinear Optics Potential of a Novel Asymmetric Azine. Journal of Physical Chemistry A, 2019, 123, 153-162.	1.1	20
15	Classical and Quantum Optics and Their Influences on Science and Society. Fronteiras, 2019, 8, 104-131.	0.0	0
16	The study of entropy in a transmission line resonator interacting with a capacitively coupled Cooper pair box. Photonics Letters of Poland, 2019, 11, 66.	0.2	0
17	Study of the hyper-Rayleigh scattering first hyperpolarizability of a chalcone derivative in various solvent media. Photonics Letters of Poland, 2019, 11, 96.	0.2	1
18	On the paradoxical evolution of the number of photons in a new model of interpolating Hamiltonians. Modern Physics Letters B, 2018, 32, 1850026.	1.0	4

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19	Molecular structure of hybrid imino-chalcone in the solid state: X-ray diffraction, spectroscopy study and third-order nonlinear optical properties. Journal of Molecular Structure, 2018, 1157, 210-221.	1.8	19
20	Atom-field interaction in optical cavities: Calibration of the atomic velocities to obtain a list of field states with preselected properties. International Journal of Modern Physics B, 2018, 32, 1850222.	1.0	4
21	Statistical Properties of a System Consisting of a Superconducting Qubit Coupled to an Optical Field Inside a Transmission Line. Communications in Theoretical Physics, 2018, 69, 727.	1.1	0
22	DFT study of third-order nonlinear susceptibility of a chalcone crystal. Chemical Physics Letters, 2018, 706, 170-174.	1.2	44
23	Third-Order Nonlinear Optical Properties of a Carboxylic Acid Derivative. Acta Chimica Slovenica, 2018, 65, 739-749.	0.2	28
24	Theoretical investigations of nonlinear optical properties of two crystalline acetamides structures including polarization effects of their environment. Chemical Physics Letters, 2017, 681, 110-123.	1.2	24
25	Effect of the crystalline environment on the third-order nonlinear optical properties of L-arginine phosphate monohydrate: a theoretical study. Journal of Molecular Modeling, 2017, 23, 122.	0.8	20
26	The solid state structure and environmental polarization effect of a novel asymmetric azine. New Journal of Chemistry, 2017, 41, 11361-11371.	1.4	22
27	Effects of Changing Substituents on the Non-Linear Optical Properties of Two Coumarin Derivatives. Crystals, 2017, 7, 158.	1.0	24
28	Solid state characterization and theoretical study of non-linear optical properties of a Fluoro-N-Acylhydrazide derivative. PLoS ONE, 2017, 12, e0175859.	1.1	26
29	Mecanismos de alargamento de linhas espectrais atômicas. Revista Brasileira De Ensino De Fisica, 2016, 38, .	0.2	2
30	Decoherence of odd compass states in the phase-sensitive amplifying/dissipating environment. Annals of Physics, 2016, 371, 296-312.	1.0	14
31	Theoretical study on the third-order nonlinear optical properties and structural characterization of 3-Acetyl-6-Bromocoumarin. Chemical Physics Letters, 2016, 653, 122-130.	1.2	49
32	Polarization effects on the third-order nonlinear optical properties of two polymorphs of enamine derivative. Theoretical Chemistry Accounts, 2016, 135, 1.	0.5	20
33	Synthesis, characterization, and third-order nonlinear optical properties of a new neolignane analogue. RSC Advances, 2016, 6, 79215-79227.	1.7	31
34	Using a hybrid system (Cooper pair box plus nanomechanical resonator) in the presence of Kerr nonlinearities and losses to control the entropy of the subsystems. Optics Communications, 2016, 366, 301-307.	1.0	5
35	Controlling the non-classical properties of a hybrid Cooper pair box system and an intensity dependent nanomechanical resonator. Physica A: Statistical Mechanics and Its Applications, 2016, 446, 171-181.	1.2	14
36	Alguns aspectos da óptica quântica usando campos luminosos em modos viajantes. Revista Brasileira De Ensino De Fisica, 2015, 37, 2311-1-2311-10.	0.2	0

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37	A note on quantum teleportation without the Bell-state measurement in superconducting qubits. Physica Scripta, 2014, 89, 025001.	1.2	4
38	Engineering information in states of a nanomechanical resonator coupled to a Cooper pair box. Quantum Information Processing, 2013, 12, 2019-2025.	1.0	6
39	Perfect transfer of quantum states in a network of harmonic oscillators. European Physical Journal D, 2013, 67, 1.	0.6	2
40	Controlling Excitation Inversion of a Cooper Pair Box Interacting with a Nanomechanical Resonator. Chinese Physics Letters, 2012, 29, 080303.	1.3	2
41	Quantum communication via controlled holes in the statistical distribution of excitations in a nanoresonator coupled to a Cooper pair box. Chinese Physics B, 2012, 21, 030308.	0.7	7
42	Controlled teleportation via photonic Faraday rotations in low-Q cavities. Quantum Information Processing, 2012, 11, 1867-1881.	1.0	17
43	Controlling statistical properties of a Cooper pair box interacting with a nanomechanical resonator. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 4045-4055.	1.2	17
44	Classicalization times of parametrically amplified "Schrödinger cat" states coupled to phase-sensitive reservoirs. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3668-3676.	0.9	10
45	A note on entanglement swapping of atomic states through the photonic Faraday rotation. Quantum Information Processing, 2011, 10, 395-404.	1.0	9
46	Teleportation of entangled states without Bell-state measurement via a two-photon process. Optics Communications, 2011, 284, 1086-1089.	1.0	7
47	Alternative scheme to generate a supersinglet state of three-level atoms. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 443-447.	0.9	3
48	Splitting of quantum information in travelling wave fields using only linear optical elements. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 045501.	0.6	1
49	Generation of two-photon EPR and W states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 155502.	0.6	5
50	Comment on 'Approximate and Conditional Teleportation of an Unknown Atomic State Without Bell-State Measurement with Two-Photon Interaction'. Communications in Theoretical Physics, 2009, 52, 41-44.	1.1	4
51	Entanglement sudden death via two-photon processes in cavity QED. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 195507.	0.6	17
52	A Note on Teleportation of an Arbitrary Two-Particle State Without Bell-State Measurement in Cavity QED. Communications in Theoretical Physics, 2009, 52, 241-243.	1.1	5
53	A note on approximate teleportation of an unknown atomic state in the two-photon Jaynes–Cummings model. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 1331-1336.	1.2	20
54	Computational procedure to determine quantum state evolution in Fock space. Computer Physics Communications, 2009, 180, 226-230.	3.0	1

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55	Conditional displacement operator for traveling fields. Optics Communications, 2008, 281, 2864-2867.	1.0	1
56	Quantum states transfer between coupled fields. European Physical Journal D, 2008, 48, 145-149.	0.6	7
57	Total teleportation of zero- and one-photon entangled states in running waves. Chinese Physics B, 2008, 17, 60-63.	0.7	3
58	Generation of a 4-qubit cluster of entangled coherent states in bimodal QED cavities. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 085505.	0.6	25
59	Generation of W atomic states assisted by cavities. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 215505.	0.6	10
60	Comment on â€˜Faithful teleportation of an unknown atomic state and a cavity field entangled state without Bell-state measurementâ€™. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 1089-1091.	0.6	9
61	On the generation of a generalized superposition of displaced squeezed states. Optics Communications, 2007, 275, 140-143.	1.0	2
62	A note on the generation of displaced number states. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 275-278.	1.2	2
63	Scheme for direct measurement of the Wigner characteristic function of traveling fields. Optics Communications, 2006, 259, 754-757.	1.0	5
64	Superposition of new phase states: generation and properties. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 337, 296-304.	0.9	4
65	Preparing Fock states of the electromagnetic field via Raman interaction. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 340, 74-77.	0.9	6
66	Generation and properties of superposed squeezed states. Physica A: Statistical Mechanics and Its Applications, 2005, 354, 235-248.	1.2	6
67	Preparing highly excited Fock states of a cavity field using driven atoms. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, 198-200.	1.4	11
68	Teleporting a state inside a single bimodal high-Qcavity. Physical Review A, 2005, 71, .	1.0	33
69	Controlled hole burning in Fock space via resonant interaction. Physical Review A, 2005, 72, .	1.0	10
70	Synthesis of arbitrary Fock states via conditional measurement on beam splitters. Physical Review A, 2005, 72, .	1.0	24
71	Teleportation of entangled states without Bell-state measurement. Physical Review A, 2005, 72, .	1.0	72
72	Sculpturing squeezed states to get highly excited fock states. Brazilian Journal of Physics, 2005, 35, 579-585.	0.7	6

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73	Controlled hole burning in the Fock space via conditional measurements on beam splitters. Physical Review A, 2004, 70, .	1.0	33
74	Teleporting entanglements of cavity-field states. Physical Review A, 2004, 70, .	1.0	47
75	Generation of superposed phase states via Raman interaction. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, 383-386.	1.4	15
76	A NOTE ON QUANTUM OSCILLATORS COUPLED BY NONRESONANT INTERACTION: ENVIRONMENT MODIFYING DYNAMICS. International Journal of Modern Physics B, 2004, 18, 2019-2026.	1.0	1
77	Sculpturing coherent states to get highly excited Fock states for stationary and travelling fields. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, 351-359.	1.4	26
78	Polynomial state of the electromagnetic field: generation and statistical properties. Optics Communications, 2004, 239, 359-366.	1.0	4
79	A note on "Generalized superposition of two squeezed states: generation and statistical properties". Physica A: Statistical Mechanics and Its Applications, 2004, 334, 139-143.	1.2	5
80	Time-dependent quantum oscillator as attenuator and amplifier: noise and statistical evolutions. Physica A: Statistical Mechanics and Its Applications, 2004, 341, 379-388.	1.2	3
81	Generation of states for electromagnetic fields. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 329, 284-293.	0.9	8
82	States of the quantized electromagnetic field with highly concentrated phase distribution. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 331, 366-373.	0.9	7
83	Generation of superpositions of squeezed states for optical fields. Optics Communications, 2004, 231, 297-302.	1.0	3
84	Controlled hole burning in the Fock space via Raman interaction. Optics Communications, 2004, 239, 281-285.	1.0	8
85	Complementary coherent state for measuring theQ-function: generation and properties. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, 41-45.	1.4	8
86	A comment on: "Superpositions of truncated phase states: generation and properties" Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 318, 161-163.	0.9	5
87	Superpositions of truncated phase states: generation and properties. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 309, 5-14.	0.9	7
88	Generation of the reciprocal-binomial state for optical fields. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 315, 213-218.	0.9	24
89	On the transfer of states in coupled systems. Physica A: Statistical Mechanics and Its Applications, 2003, 329, 391-400.	1.2	4
90	On the Measure of Nonclassicality of Field States. Physica Scripta, 2003, 67, 93-98.	1.2	41

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91	ON THE MEASUREMENT OF THE PHASE DISTRIBUTION OF FIELD STATES. Modern Physics Letters B, 2002, 16, 701-709.	1.0	5
92	Transferring squeezing and statistics in coupled circuits. Physica A: Statistical Mechanics and Its Applications, 2002, 311, 188-198.	1.2	5
93	Nonclassical depth of the phase state. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 279, 294-304.	0.9	11
94	Controlled hole burning in the photon-number distribution of field states in a cavity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 290, 234-238.	0.9	14
95	The phase state revisited: the Heisenberg limit in a quantum nondemolition measurement and the nonclassical depth of the state. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 286, 236-240.	0.9	3
96	Hole Burning in the Fock Space: from Single to Several Holes. Chinese Physics Letters, 2001, 18, 1467-1469.	1.3	12
97	Interpolation from number states to chaotic states of the electromagnetic field. Journal of Optics B: Quantum and Semiclassical Optics, 2001, 3, 152-162.	1.4	5
98	Recurrence formula for generalized optical state truncation by projection synthesis. Physical Review A, 2001, 63, .	1.0	46
99	Squeezing in coupled oscillators having neither nonlinear terms nor time-dependent parameters. Brazilian Journal of Physics, 2001, 31, 562-566.	0.7	2
100	On the generation of the phase state. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 268, 260-267.	0.9	19
101	Mixed states having Poissonian statistics: how to distinguish them from coherent states?. Physica A: Statistical Mechanics and Its Applications, 2000, 285, 397-412.	1.2	10
102	Generalized superposition of two squeezed states: generation and statistical properties. Physica A: Statistical Mechanics and Its Applications, 2000, 280, 346-361.	1.2	14
103	Non-classical properties of even circular states. Journal of Optics B: Quantum and Semiclassical Optics, 2000, 2, 299-305.	1.4	20
104	A NOTE ON GENERALIZED SUPERPOSITION OF COHERENT STATES. Modern Physics Letters B, 1999, 13, 131-134.	1.0	6
105	A note on hole burning in the Fock space. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 253, 123-124.	0.9	8
106	Noncoherent states having Poissonian statistics. Physica A: Statistical Mechanics and Its Applications, 1999, 265, 176-185.	1.2	7
107	Quantum noise reduction of electrical circuit having a time-dependent parameter: transient behaviour and damping. Physica A: Statistical Mechanics and Its Applications, 1999, 268, 121-128.	1.2	2
108	Quantum states engineering: Recurrence formula including states with even and odd numbers of photons. Journal of Modern Optics, 1999, 46, 765-771.	0.6	1

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109	Higher-generation SchrÃ¶dinger cat states in cavity QED. Journal of Modern Optics, 1999, 46, 2015-2041.	0.6	23
110	Generation of the reciprocal-binomial state. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 238, 223-226.	0.9	49
111	Hole burning in Fock space. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 240, 277-281.	0.9	31
112	Nonlocality of a single particle: From the Fock space to cavity QED. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 245, 335-338.	0.9	10
113	Pure states having thermal photon distribution revisited: generation and phase-optimization. Physica A: Statistical Mechanics and Its Applications, 1998, 258, 203-210.	1.2	8
114	Alternative Strategy to the Binomial State. Physica Scripta, 1998, 58, 145-148.	1.2	0
115	Superposition of displaced number states and interference effects. Journal of Modern Optics, 1998, 45, 1085-1096.	0.6	9
116	Teleporting the SchrÃ¶dinger Cat State. Modern Physics Letters B, 1998, 12, 1209-1216.	1.0	7
117	Generalized Superposition of Two Coherent States and Interference Effects. International Journal of Modern Physics B, 1998, 12, 1495-1529.	1.0	12
118	Statistical properties of the squeezed displaced number states. Brazilian Journal of Physics, 1998, 28, 00-00.	0.7	3
119	Intermediate number coherent state of the quantized radiation field. Physica Scripta, 1997, 55, 719-723.	1.2	6
120	Particle trapping by oscillating fields: influence of dissipation upon instabilities in quantum fluctuations. Quantum and Semiclassical Optics: Journal of the European Optical Society Part B, 1997, 9, 519-527.	1.0	3
121	Even and odd coherent states are â€œshadowed-likeâ€•states. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 229, 411-412.	0.9	1
122	Q-function measurement by projection synthesis. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 231, 331-334.	0.9	28
123	PARTICLE TRAPPING BY OSCILLATING FIELDS: CONNECTING SQUEEZING WITH COOLING. Modern Physics Letters B, 1996, 10, 661-669.	1.0	1
124	ON THE GENERATION OF INTERMEDIATE NUMBER SQUEEZED STATE OF THE QUANTIZED RADIATION FIELD. Modern Physics Letters B, 1996, 10, 671-678.	1.0	10
125	Extended SchrÃ¶dinger equation leading to squeezing phenomena. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1996, 111, 287-292.	0.2	0
126	Quantum interference and diffraction in the phase space. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1996, 111, 1253-1258.	0.2	1

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127	Particle trapping by oscillating fields: influence of dissipation upon the squeezing effect. Quantum and Semiclassical Optics: Journal of the European Optical Society Part B, 1996, 8, 1147-1158.	1.0	6
128	Unified approach to superposition states of the quantized radiation field. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1996, 18, 425-428.	0.4	4
129	Multiphoton interaction of a phased atom with a single mode field. Physica A: Statistical Mechanics and Its Applications, 1996, 232, 273-303.	1.2	11
130	Comment on â€˜â€˜Theorem on nonclassical statesâ€™â€™. Physical Review A, 1996, 54, 4589-4590.	1.0	18
131	On a new intermediate state of the quantized radiation field. Journal of Modern Optics, 1996, 43, 729-734.	0.6	9
132	Intermediate number-phase states of the quantized radiation field. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 204, 1-6.	0.9	33
133	Probing a quantum state via electronic deflection. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 200, 7-10.	0.9	9
134	Bound, unbound operators and the squeezing effect. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1995, 110, 997-1001.	0.2	0
135	Fluctuations and squeezing in one- and two-mode of two coupled oscillators. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1995, 110, 1153-1164.	0.2	5
136	Statistical properties of a charged oscillator in the presence of a time-dependent electromagnetic field. Physical Review A, 1995, 52, 1518-1524.	1.0	7
137	JAYNES-CUMMINGS MODEL WITH INTENSITY-INDEPENDENT INTERACTION VIA THE PHASE OPERATORS. Modern Physics Letters B, 1995, 09, 1199-1212.	1.0	1
138	INTERMEDIATE NUMBER-SQUEEZED STATE OF THE QUANTIZED RADIATION FIELD. Modern Physics Letters B, 1995, 09, 1673-1683.	1.0	24
139	MUTUAL TRANSFER OF SQUEEZING EFFECT IN COUPLED TWO-PHOTON LASERS. Modern Physics Letters B, 1995, 09, 999-1015.	1.0	4
140	GENERATION AND TRANSFERENCE OF NONCLASSICAL EFFECTS IN COUPLED OSCILLATOR. Modern Physics Letters B, 1995, 09, 1213-1230.	1.0	2
141	QUANTUM NOISE REDUCTION BY ELECTRO-OPTICAL MODULATION OF A COHERENT LIGHT FIELD. Modern Physics Letters B, 1995, 09, 433-438.	1.0	0
142	THE QUADRATIC TIME-DEPENDENT HAMILTONIAN: EVOLUTION OPERATOR, SQUEEZING REGIONS IN PHASE SPACE AND TRAJECTORIES. International Journal of Modern Physics B, 1994, 08, 1563-1576.	1.0	21
143	ON THE QUANTUM NOISE REDUCTION OF A LASER-COOLED ION COUPLED TO A SOURCE OSCILLATOR. Modern Physics Letters B, 1994, 08, 1833-1845.	1.0	1
144	Transference of squeezing in coupled oscillators. International Journal of Theoretical Physics, 1994, 33, 1145-1460.	0.5	5

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145	Nonlocal potentials as generators of squeezing. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 187, 281-283.	0.9	3
146	Scattering of atoms by light: probing a quantum state and the variance of the phase operator. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 194, 153-158.	0.9	13
147	Normal-ordering technique to solve the charged oscillator in a time-dependent magnetic field. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1994, 109, 347-354.	0.2	1
148	Time-dependent Hamiltonian: Squeezing effects in particle trapping by oscillating fields. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1994, 109, 1129-1134.	0.2	0
149	WAVE FUNCTION OF THE PARTICLE TRAPPED BY OSCILLATING FIELDS. Modern Physics Letters B, 1994, 08, 1549-1553.	1.0	0
150	Quantum noise reduction in an electrical circuit having a time dependent parameter. Physica A: Statistical Mechanics and Its Applications, 1993, 197, 364-370.	1.2	14
151	A remark on the unitary squeeze operators. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1993, 108, 275-284.	0.2	0
152	Particle trapping by oscillating fields: squeezing effects. Journal of the European Optical Society Part B: Quantum Optics, 1993, 5, 155-159.	1.2	18
153	Squeezing in the Schrodinger picture: normal ordering technique to solve the mass-varying oscillator. Journal of the European Optical Society Part B: Quantum Optics, 1992, 4, 201-207.	1.2	2
154	Squeezing and antisqueezing for a harmonic oscillator having a sudden change of mass. Physical Review A, 1992, 45, 5308-5310.	1.0	17
155	Generation of squeezing for a charged oscillator and for a charged particle in a time-dependent electromagnetic field. Physical Review A, 1992, 46, 5885-5889.	1.0	45
156	Harmonic oscillator with time-dependent mass and frequency and a perturbative potential. Physical Review A, 1992, 45, 1320-1324.	1.0	90
157	On the generation of squeezing for a charged oscillator in a magnetic field. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 170, 311-314.	0.9	12
158	Squeezing in systems described by quartic Hamiltonians: Normal ordering technique. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1992, 107, 1041-1049.	0.2	4
159	A note on harmonic oscillator in expanding Universes. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1991, 106, 749-753.	0.2	0
160	Quantum-statistical properties of a laser with output coupling. Physical Review A, 1990, 42, 6858-6868.	1.0	8
161	Quantum theory of laser transmission loss. Physical Review A, 1989, 40, 2463-2470.	1.0	10
162	Bateman Hamiltonian and squeezing. Physical Review A, 1989, 40, 4097-4099.	1.0	11

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163	Extended Schrödinger equations leading to critical phenomena. Journal of Mathematical Physics, 1989, 30, 81-82.	0.5	1
164	Laser theory with natural inclusion of radiation loss: Density-operator approach. Canadian Journal of Physics, 1988, 66, 764-768.	0.4	3
165	Optical cavity with absorptive medium and output coupling. IEEE Journal of Quantum Electronics, 1988, 24, 2350-2351.	1.0	0
166	Integro-differential Schrödinger equation as an extension of the differential Schrödinger equation. Physical Review A, 1988, 38, 1632-1635.	1.0	6
167	Dissipative systems: on the natural inclusion of radiation loss in the quantized electromagnetic field. Canadian Journal of Physics, 1987, 65, 359-364.	0.4	5
168	Interacting collective modes in a laser cavity. IEEE Journal of Quantum Electronics, 1986, 22, 344-348.	1.0	0
169	Laser theory in the absence of adiabatic hypothesis: Linear approximation. Physics Letters, Section A: General, Atomic and Solid State Physics, 1985, 107, 250-254.	0.9	8
170	Quantum theory of a one-dimensional laser with output coupling: Linear approximation. Physical Review A, 1984, 30, 1401-1406.	1.0	39
171	Coherent states and dissipative systems. Physical Review D, 1984, 30, 765-769.	1.6	17
172	On the Zeeman effect in two-dimensional highly excited atoms. Molecular Physics, 1984, 51, 1419-1421.	0.8	1
173	On the Zeeman effect in highly excited atoms. Molecular Physics, 1984, 52, 1043-1045.	0.8	0
174	Semiclassical Theory of Laser Transmission Loss. Optica Acta, 1984, 31, 39-62.	0.7	28
175	Hirshfeld Surfaces and Nonlinear Optics on Two Conformers of a Heterocyclic Chalcone. Journal of the Brazilian Chemical Society, 0, , .	0.6	8