

Victor Vasilievich Dodonov

List of Publications by Year in descending order

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243
papers

6,953
citations

81839

39
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74108

75
g-index

245
all docs

245
docs citations

245
times ranked

1785
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamical Casimir effect via modulated Kerr or higher-order nonlinearities. <i>Physical Review A</i> , 2022, 105, .	1.0	3
2	Entanglement and Squeezing in Dissipative Parametric Amplifier and Converter. <i>Journal of Russian Laser Research</i> , 2022, 43, 28-38.	0.3	1
3	Magnetic moment invariant Gaussian states of a charged particle in a homogeneous magnetic field. <i>European Physical Journal Plus</i> , 2022, 137, 1.	1.2	1
4	Evolution of energy and magnetic moment of a quantum charged particle in power-decaying magnetic fields. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2022, 441, 128161.	0.9	0
5	Giant diamagnetism of a quantum charged particle after inversion of the magnetic field. <i>Physical Review A</i> , 2022, 105, .	1.0	0
6	Excitation of a Moving Oscillator. <i>Journal of Russian Laser Research</i> , 2021, 42, 243.	0.3	1
7	Invariant Quantum States of Quadratic Hamiltonians. <i>Entropy</i> , 2021, 23, 634.	1.1	13
8	Change of energy and magnetic moment of a quantum charged particle after a fast jump of the magnetic field in solenoids of arbitrary cross sections. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 571, 125843.	1.2	7
9	Magnetization dynamics of a harmonically confined quantum charged particle in time dependent magnetic fields inside a circular solenoid. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 295304.	0.7	4
10	Non-Gaussianity of Four-Photon Superpositions of Fock States. <i>Quantum Reports</i> , 2021, 3, 350-365.	0.6	4
11	Perspective on Some Recent and Future Developments in Casimir Interactions. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 293.	1.3	11
12	Energy and Magnetic Moment of a Quantum Charged Particle in Time-Dependent Magnetic and Electric Fields of Circular and Plane Solenoids. <i>Entropy</i> , 2021, 23, 1579.	1.1	7
13	Magnetic-moment probability distribution of a quantum charged particle in thermodynamic equilibrium. <i>Physical Review A</i> , 2020, 102, .	1.0	5
14	Minimal Products of Coordinate and Momentum Uncertainties of High Orders: Significant and Weak High-Order Squeezing. <i>Entropy</i> , 2020, 22, 980.	1.1	2
15	Non-monotonous behavior of the number variance, Mandel factor, invariant uncertainty product and purity for the quantum damped harmonic oscillator. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126370.	0.9	2
16	Fifty Years of the Dynamical Casimir Effect. <i>Physics</i> , 2020, 2, 67-104.	0.5	93
17	Dynamical Casimir effect meets material science. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 474, 012009.	0.3	2
18	Uncertainty relations for several observables via the Clifford algebras. <i>Journal of Physics: Conference Series</i> , 2019, 1194, 012028.	0.3	3

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19	A Quantum Charged Particle under Sudden Jumps of the Magnetic Field and Shape of Non-Circular Solenoids. Quantum Reports, 2019, 1, 193-207.	0.6	6
20	Variance uncertainty relations without covariances for three and four observables. Physical Review A, 2018, 97, .	1.0	18
21	Squeezing of Relative and Center-of-Orbit Coordinates of a Charged Particle by Step-Wise Variations of a Uniform Magnetic Field with an Arbitrary Linear Vector Potential. Journal of Russian Laser Research, 2018, 39, 389-400.	0.3	8
22	Generation of microwave fields in cavities with laser-excited nonlinear media: competition between the second- and third-order optical nonlinearities. Journal of Optics (United Kingdom), 2018, 20, 095502.	1.0	3
23	Coherent States and Their Generalizations for a Charged Particle in a Magnetic Field. Springer Proceedings in Physics, 2018, , 311-338.	0.1	12
24	Analytical description of the mode hybridization in a restricted two-dimensional model for an electromagnetic cavity containing a thin magnetized slab. Physical Review B, 2017, 96, .	1.1	1
25	Uncertainty relations for two observables coupled with the third one. International Journal of Quantum Information, 2017, 15, 1740015.	0.6	1
26	Decoherence of odd compass states in the phase-sensitive amplifying/dissipating environment. Annals of Physics, 2016, 371, 296-312.	1.0	14
27	Excitation of the Classical Electromagnetic Field in a Cavity Containing a Thin Slab with a Time-Dependent Conductivity. Journal of Russian Laser Research, 2016, 37, 107-122.	0.3	4
28	Rotating highly mixed Gaussian packets with minimal energy. Physical Review A, 2016, 93, .	1.0	3
29	Rotating quantum Gaussian packets. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 435303.	0.7	6
30	Energy-time and frequency-time uncertainty relations: exact inequalities. Physica Scripta, 2015, 90, 074049.	1.2	28
31	Dynamical Casimir effect in microwave cavities containing nonlinear crystals. Journal of Physics Condensed Matter, 2015, 27, 214009.	0.7	5
32	Fidelity versus relative energy difference of superpositions of two coherent states. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 315301.	0.7	3
33	Continuous monitoring of the dynamical Casimir effect with a damped detector. Physical Review A, 2014, 89, .	1.0	7
34	Dynamical Casimir effect in ultra-cold matter with a time-dependent effective charge. Physica Scripta, 2014, T160, 014008.	1.2	14
35	Time Crystals in Ultracold Matter. Journal of Russian Laser Research, 2014, 35, 93-100.	0.3	8
36	Transmission of Correlated Gaussian Packets Through a Delta-Potential. Journal of Russian Laser Research, 2014, 35, 39-46.	0.3	21

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37	Tunneling of slow quantum packets through the high Coulomb barrier. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1071-1073.	0.9	14
38	Influence of the field-detector coupling strength on the dynamical Casimir effect. Physical Review A, 2013, 87, .	1.0	10
39	Parametric excitation of a cavity field mode coupled to a harmonic oscillator detector. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 395304.	0.7	3
40	Photon statistics in the dynamical Casimir effect modified by a harmonic oscillator detector. Physica Scripta, 2013, T153, 014017.	1.2	8
41	Experimental study of microwave photon statistics under parametric amplification from a single-mode thermal state in a cavity. Physical Review A, 2013, 88, .	1.0	3
42	Approximate analytical results on the cavity dynamical Casimir effect in the presence of a two-level atom. Physical Review A, 2012, 85, .	1.0	30
43	How different can pure squeezed states with a given fidelity be?. Physica Scripta, 2012, T147, 014009.	1.2	2
44	Dynamical Casimir effect in a cavity in the presence of a three-level atom. Physical Review A, 2012, 85, .	1.0	21
45	Dynamical Casimir effect in a cavity with an N-level detector or $N \sim 1$ two-level atoms. Physical Review A, 2012, 86, .	1.0	26
46	Upper bounds on the relative energy difference of pure and mixed Gaussian states with a fixed fidelity. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 032002.	0.7	11
47	Dynamical Casimir effect in two-atom cavity QED. Physical Review A, 2012, 85, .	1.0	30
48	Dynamical Casimir effect in a cavity with a weakly non-equidistant spectrum. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1903-1906.	0.9	7
49	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
50	Strong modifications of the field statistics in the cavity dynamical Casimir effect due to the interaction with two-level atoms and detectors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 4261-4267.	0.9	25
51	Comparing energy difference and fidelity of quantum states. Journal of Russian Laser Research, 2011, 32, 412-421.	0.3	6
52	Analytical and numerical analysis of the atom-field dynamics in non-stationary cavity QED. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 225502.	0.6	31
53	Parametric amplification of the classical field in cavities with photoexcited semiconductors. Physica Scripta, 2011, T143, 014009.	1.2	0
54	Asymptotical photon distributions in the dissipative dynamical Casimir effect. Physica Scripta, 2010, T140, 014020.	1.2	2

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55	CAMOP: Quantum Non-Stationary Systems. <i>Physica Scripta</i> , 2010, 82, 031001.	1.2	1
56	Justification of the "asymmetric damping" model of the dynamical Casimir effect in a cavity with a semiconductor mirror*. <i>Journal of Russian Laser Research</i> , 2010, 31, 152-161.	0.3	1
57	Influence of laser-pulse shape and surface recombination on the photon generation rate in experiments on the dynamical casimir effect. <i>Journal of Russian Laser Research</i> , 2010, 31, 563-573.	0.3	0
58	Approximate formulas for the resonance frequency shift in cavities with big variations of parameters inside small regions. <i>Physical Review A</i> , 2010, 82, .	1.0	2
59	Current status of the dynamical Casimir effect. <i>Physica Scripta</i> , 2010, 82, 038105.	1.2	230
60	Dynamical Casimir effect: Some theoretical aspects. <i>Journal of Physics: Conference Series</i> , 2009, 161, 012027.	0.3	29
61	Comparison between different models for quantum jump superoperators in cavity QED experiments. <i>Journal of Russian Laser Research</i> , 2009, 30, 485-492.	0.3	0
62	Loss of nonclassical properties of quantum states in linear phase-insensitive processes with arbitrary time-dependent parameters. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 2646-2651.	0.9	5
63	Spectrum of thermal fluctuations of electromagnetic field near resonance frequencies in a cavity with a finite Q-factor. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 3601-3603.	0.9	0
64	Photon distribution in the dynamical Casimir effect with an account of dissipation. <i>Physical Review A</i> , 2009, 80, .	1.0	20
65	The dynamical Casimir effect and resonance frequency shifts in cavities with thin photo-excited semiconductor layers. <i>Physica Scripta</i> , 2009, T135, 014014.	1.2	3
66	International Workshop "60 Years of the Casimir Effect". <i>Journal of Physics: Conference Series</i> , 2009, 161, 011001.	0.3	3
67	Effect of dissipation and reservoir temperature on squeezing exchange and emergence of entanglement between two coupled bosonic modes. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 367-374.	0.9	5
68	Increase of temperature of an ideal nondegenerate quantum gas in a suddenly expanding box due to energy quantization. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 373, 45-48.	0.9	2
69	Quantum model for continuous photodetection. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
70	Theory of the dynamical Casimir effect in nonideal cavities with time-dependent parameters. <i>Journal of Physics: Conference Series</i> , 2008, 99, 012006.	0.3	10
71	Comment on "Analytical results for a Bessel function times Legendre polynomials class integrals". <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 14329-14330.	0.7	2
72	Decoherence of multicomponent symmetrical superpositions of displaced quantum states. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 13955-13974.	0.7	3

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73	Inclusion of nonidealities in the continuous photodetection model. <i>Physical Review A</i> , 2007, 75, .	1.0	8
74	Quantum master equations from classical Lagrangians with two stochastic forces. <i>Physical Review E</i> , 2007, 75, 011132.	0.8	7
75	Continuous photodetection model: quantum jumps engineering and hints for experimental verification. <i>Journal of Physics: Conference Series</i> , 2007, 84, 012005.	0.3	0
76	Wigner functions and statistical moments of quantum states with definite parity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 364, 368-371.	0.9	15
77	Squeezed states and uncertainty relations since 1991. <i>Journal of Russian Laser Research</i> , 2007, 28, 404-428.	0.3	8
78	Decoherence of multicomponent and multimode generalizations of even/odd coherent states in thermal and phase reservoirs. <i>Journal of Russian Laser Research</i> , 2007, 28, 453-482.	0.3	4
79	Resonance frequency shift in a cavity with a thin conducting film near a conducting wall. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 363, 33-37.	0.9	9
80	Generation of Photons from Vacuum in a Cavity with Time-Dependent Eigenfrequency and Dumping Coefficients. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 2006, 26, 29-36.	0.4	2
81	The Heisenberg-Langevin model of a quantum damped harmonic oscillator with time-dependent frequency and damping coefficients. <i>Journal of Russian Laser Research</i> , 2006, 27, 379-388.	0.3	6
82	QED effects in a cavity with a time-dependent thin semiconductor slab excited by laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, S749-S766.	0.6	33
83	The nonstationary Casimir effect in a cavity with periodical time-dependent conductivity of a semiconductor mirror. <i>Journal of Physics A</i> , 2006, 39, 6271-6281.	1.6	58
84	Nonclassical properties of "semi-coherent"™ quantum states. <i>Journal of Physics A</i> , 2006, 39, 7411-7422.	1.6	12
85	Purity and squeezing exchange between coupled bosonic modes. <i>Physical Review A</i> , 2006, 73, .	1.0	9
86	Engineering quantum jump superoperators for single-photon detectors. <i>Physical Review A</i> , 2006, 74, .	1.0	14
87	The nonstationary Casimir effect and quantum systems with moving boundaries. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2005, 7, S1-S1.	1.4	39
88	Time-dependent quantum damped oscillator with "minimal noise"™: application to the nonstationary Casimir effect in nonideal cavities. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2005, 7, S445-S451.	1.4	12
89	Quantum Harmonic Oscillator and Nonstationary Casimir Effect. <i>Journal of Russian Laser Research</i> , 2005, 26, 445-483.	0.3	55
90	Decoherence and transfer of quantum states of field modes in a one-dimensional cavity with an oscillating boundary. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2005, 7, S468-S479.	1.4	13

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91	Quantum photodetection distributions with $\hat{\epsilon}^{\text{nonlinear}}$ quantum jump superoperators. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, 99-108.	1.4	14
92	Resonance generation of photons from vacuum in cavities due to strong periodical changes of conductivity in a thin semiconductor boundary layer. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, S47-S58.	1.4	23
93	Dynamics of entanglement between field modes in a one-dimensional cavity with a vibrating boundary. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, S11-S20.	1.4	12
94	Separability dynamics of two-mode Gaussian states in parametric conversion and amplification. Journal of Physics A, 2005, 38, 683-696.	1.6	48
95	Publisher's Note: Quantum state exchange between indirectly coupled modes [Phys. Rev. A 71, 032319 (2005)]. Physical Review A, 2005, 71, .	1.0	0
96	Quantum state exchange between indirectly coupled modes. Physical Review A, 2005, 71, .	1.0	7
97	Microscopic models of quantum-jump superoperators. Physical Review A, 2005, 72, .	1.0	13
98	Decoherence of superpositions of displaced number states. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, S490-S499.	1.4	29
99	Topical issue on the nonstationary Casimir effect and quantum systems with moving boundaries. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, .	1.4	0
100	Topical issue on the nonstationary Casimir effect and quantum systems with moving boundaries. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, .	1.4	0
101	Quantum phenomena in cavities with moving boundaries. , 2004, , .		0
102	Energy spectrum, potential and inertia functions of a generalized oscillator. Journal of Physics A, 2004, 37, 3707-3724.	1.6	41
103	Continuous Photodetection Processes. European Physical Journal A, 2004, 20, 77-80.	0.2	0
104	Tunnelling of narrow Gaussian packets through delta potentials. Journal of Physics A, 2004, 37, 2423-2438.	1.6	22
105	Topical issue on the nonstationary Casimir effect and quantum systems with moving boundaries. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, .	1.4	0
106	On shrinking and expansion of radial wave packets. Journal of Physics A, 2003, 36, 7113-7128.	1.6	10
107	Photon generation from vacuum in nondegenerate cavities with regular and random periodic displacements of boundaries. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 317, 378-388.	0.9	40
108	Classicality and anticlassicality measures of pure and mixed quantum states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 308, 249-255.	0.9	41

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109	Shrinking quantum packets in one dimension. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 310, 101-109.	0.9	18
110	Dispersive limit of the dissipative Jaynes-Cummings model with a squeezed reservoir. Journal of Optics B: Quantum and Semiclassical Optics, 2003, 5, S567-S580.	1.4	11
111	A consistent quantum model for continuous photodetection processes. Journal of Optics B: Quantum and Semiclassical Optics, 2003, 5, S271-S280.	1.4	22
112	Covariance measures of intermode correlations and inseparability for continuous variable quantum systems. Journal of Optics B: Quantum and Semiclassical Optics, 2003, 5, S593-S608.	1.4	15
113	Quantum deflection of ultracold atoms by ideal mirrors. , 2003, , 437-438.		0
114	Pulse generation in vibrating cavities. , 2003, , 497-498.		0
115	The reflection of narrow slow quantum packets from mirrors. Journal of Physics A, 2002, 35, 8373-8392.	1.6	10
116	Purity- and entropy-bounded uncertainty relations for mixed quantum states. Journal of Optics B: Quantum and Semiclassical Optics, 2002, 4, S98-S108.	1.4	56
117	Quantum state exchange between coupled modes. Journal of Optics B: Quantum and Semiclassical Optics, 2002, 4, S191-S199.	1.4	18
118	'Nonclassical' states in quantum optics: a 'squeezed' review of the first 75 years. Journal of Optics B: Quantum and Semiclassical Optics, 2002, 4, R1-R33.	1.4	704
119	Creating quanta with an Annihilation operator. Journal of Physics A, 2002, 35, 8847-8857.	1.6	43
120	Covariance entanglement measure for two-mode continuous variable systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 296, 73-81.	0.9	24
121	Entanglement of Resonantly Coupled Field Modes in Cavities with Vibrating Boundaries. Journal of Russian Laser Research, 2002, 23, 531-564.	0.3	9
122	Quantum coupled oscillators versus forced oscillator. Journal of Optics B: Quantum and Semiclassical Optics, 2001, 3, 228-237.	1.4	4
123	Production of two-Fock states superpositions from even circular states and their decoherence. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 282, 235-244.	0.9	8
124	Nonstationary Casimir effect in cavities with two resonantly coupled modes. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 289, 291-300.	0.9	35
125	Nonclassicality of States in Quantum Optics. Fortschritte Der Physik, 2001, 49, 1117.	1.5	18
126	Effect of Phase-Sensitive Reservoir on the Decoherence of Pair-Cat Coherent States. Journal of Russian Laser Research, 2001, 22, 534-544.	0.3	8

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127	Deflection of quantum particles by impenetrable boundary. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000, 275, 173-181.	0.9	23
128	Universal invariants in quantum mechanics and physics of optical and particle beams. <i>Journal of Russian Laser Research</i> , 2000, 21, 438-464.	0.3	6
129	Energy density and packet formation in a vibrating cavity. <i>Journal of Physics A</i> , 2000, 33, 3209-3223.	1.6	28
130	Decoherence and thermalization dynamics of a quantum oscillator. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2000, 2, 271-281.	1.4	29
131	Universal integrals of motion and universal invariants of quantum systems. <i>Journal of Physics A</i> , 2000, 33, 7721-7738.	1.6	62
132	Universal invariants of quantum-mechanical and optical systems. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2000, 17, 2403.	0.8	23
133	Hilbert-Schmidt distance and non-classicality of states in quantum optics. <i>Journal of Modern Optics</i> , 2000, 47, 633-654.	0.6	122
134	Information transfer in the course of a quantum interaction. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 1999, 1, 610-617.	1.4	27
135	Squeezing and photon distribution in a vibrating cavity. <i>Journal of Physics A</i> , 1999, 32, 6711-6726.	1.6	32
136	Marginal and correlation distribution functions in the squeezed-states representation. <i>Journal of Physics A</i> , 1999, 32, 8705-8720.	1.6	3
137	Probing colored noise from the index of refraction of strongly driven two-level atoms. <i>Physical Review A</i> , 1999, 60, 4045-4051.	1.0	4
138	Energy-sensitive and "Classical-like" Distances between Quantum States. <i>Physica Scripta</i> , 1999, 59, 81-89.	1.2	44
139	Non-Lorentzian line shape of a forced two-level system described by a nonlinear Schrödinger equation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 260, 430-438.	1.2	1
140	Generation of photons in a lossy and detuned cavity with an oscillating boundary. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998, 244, 517-522.	0.9	23
141	Parametric Excitation of Photon-added Coherent States. <i>Physica Scripta</i> , 1998, 58, 469-480.	1.2	6
142	Dynamical squeezing of photon-added coherent states. <i>Physical Review A</i> , 1998, 58, 4087-4094.	1.0	71
143	Quantum singular oscillator as a model of a two-ion trap: An amplification of transition probabilities due to small-time variations of the binding potential. <i>Physical Review A</i> , 1998, 57, 2851-2858.	1.0	33
144	Resonance photon generation in a vibrating cavity. <i>Journal of Physics A</i> , 1998, 31, 9835-9854.	1.6	56

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145	Finite-length Soliton Solutions of the Local Homogeneous Nonlinear Schrödinger Equation. <i>Physica Scripta</i> , 1998, 58, 417-420.	1.2	10
146	Signal-to-noise ratio of preamplified homodyne detection in quantum tomography. <i>Physical Review A</i> , 1998, 57, 3885-3897.	1.0	8
147	Dynamical Casimir effect in a nondegenerate cavity with losses and detuning. <i>Physical Review A</i> , 1998, 58, 4147-4152.	1.0	55
148	Conditions for a Solitonic Solution of the Dirac-Goldin Equation of Quantum Mechanics. <i>Modern Physics Letters B</i> , 1998, 12, 519-527.	1.0	1
149	Nonlinear Schrödinger-Liouville Equation with Antihermitian Terms. <i>Physica Scripta</i> , 1998, 57, 24-27.	1.2	7
150	Nonclassical Field States in Quantum Optics and Particle Physics. <i>Journal of Russian Laser Research</i> , 1998, 19, 427-464.	0.3	6
151	Exact stationary photon distributions due to competition between one- and two-photon absorption and emission. <i>Journal of Physics A</i> , 1997, 30, 5657-5667.	1.6	19
152	Competition between one- and two-photon absorption processes. <i>Journal of Physics A</i> , 1997, 30, 2915-2935.	1.6	8
153	Operational approach for reconstruction of quantum distributions in a preamplified homodyne-detection scheme. <i>Physical Review A</i> , 1997, 56, 4278-4286.	1.0	11
154	Positive distribution description for spin states. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1997, 229, 335-339.	0.9	242
155	Photon distribution drift in multiphoton absorption-emission processes due to one-photon perturbations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1997, 232, 175-182.	0.9	0
156	Non-classical properties of states generated by the excitations of even/odd coherent states of light. <i>Quantum and Semiclassical Optics: Journal of the European Optical Society Part B</i> , 1996, 8, 413-427.	1.0	80
157	Generation and detection of photons in a cavity with a resonantly oscillating boundary. <i>Physical Review A</i> , 1996, 53, 2664-2682.	1.0	251
158	Resonance excitation and cooling of electromagnetic modes in a cavity with an oscillating wall. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1996, 213, 219-225.	0.9	28
159	Optical transformer of photon statistics. <i>Journal of Russian Laser Research</i> , 1996, 17, 449-456.	0.3	2
160	Irregular behaviour of a quantum kicked oscillator. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1996, 214, 27-32.	0.9	3
161	Low energy wave packet tunneling from a parabolic potential well through a high potential barrier. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1996, 220, 41-48.	0.9	19
162	Decay times of quantum states in one- and two-photon absorption processes. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1996, 223, 404-410.	0.9	9

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163	A NONLINEAR MODEL OF THE COLLECTIVE SPONTANEOUS EMISSION BY A SPIN SYSTEM. Modern Physics Letters B, 1996, 10, 1339-1347.	1.0	1
164	Photon Generation in a Cavity with Oscillating Boundary: Analytical Solution. , 1996, , 581-582.		0
165	Uniform Nonlinear Evolution Equations for Pure and Mixed Quantum States. Annals of Physics, 1995, 237, 226-268.	1.0	31
166	Statistical properties of Schrödinger real and imaginary cat states. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 199, 123-130.	0.9	18
167	Photon creation and excitation of a detector in a cavity with a resonantly vibrating wall. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 207, 126-132.	0.9	112
168	Quantum nonstationary oscillator: Models and applications. Journal of Russian Laser Research, 1995, 16, 1-56.	0.3	57
169	Generalized nonlinear Doebner-Goldin Schrödinger equation and the relaxation of quantum systems. Physica A: Statistical Mechanics and Its Applications, 1995, 214, 619-628.	1.2	8
170	delta -kicked Landau levels. Journal of Physics A, 1995, 28, 197-208.	1.6	6
171	Even and odd coherent states for multimode parametric systems. Physical Review A, 1995, 51, 3328-3336.	1.0	78
172	A COMPARISON BETWEEN WEHRLI-LIEB AND VON NEUMANN ENTROPIES FOR TIME-EVOLVING SPIN-1/2 MIXED STATES. Modern Physics Letters B, 1994, 08, 995-1006.	1.0	6
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