Vladimir I. Man'ko

List of Publications by Year
in descending order

451 papers	9,193 citations	66343 42 h-index	60623 81 g-index
456 all docs	456 docs citations	456 times ranked	2212 citing authors

#	Article	IF	Citations
1	Symmetry-Induced Emergence of a Pseudo-Qutrit in the Dipolar Coupling of Two Qubits. Entropy, 2022, 24, 223.	2.2	2
2	Superposition Principle for Qubit States in the Spin-Projection Mean Representation. Journal of Russian Laser Research, 2022, 43, 82-89.	0.6	0
3	Even and Odd Schrödinger Cat States in the Probability Representation of Quantum Mechanics. Journal of Russian Laser Research, 2022, 43, 1-17.	0.6	2
4	Entangled Qubit States and Linear Entropy in the Probability Representation of Quantum Mechanics. Entropy, 2022, 24, 527.	2.2	4
5	Symplectic tomographic probability distribution of crystallized Schrödinger cat states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 434, 128044.	2.1	5
6	Properties of Quantizer and Dequantizer Operators for Qudit States and Parametric Down-Conversion. Symmetry, 2021, 13, 131.	2.2	9
7	Qubit state vector in probability representation of quantum mechanics. AIP Conference Proceedings, 2021, , .	0.4	0
8	Nonlinear differential dynamics of Gaussian States. AIP Conference Proceedings, 2021, , .	0.4	1
9	New Gabor quasi-probability based on the integral transform. AIP Conference Proceedings, 2021, , .	0.4	0
10	Non-stationary qubit states' evolution in probability representation of quantum mechanics. AIP Conference Proceedings, 2021, , .	0.4	0
11	Probability Representation of Quantum States. Entropy, 2021, 23, 549.	2.2	31
12	Tomographic Description of a Quantum Wave Packet in an Accelerated Frame. Entropy, 2021, 23, 636.	2.2	2
13	Measurement of the Temperature Using the Tomographic Representation of Thermal States for Quadratic Hamiltonians. Entropy, 2021, 23, 1445.	2.2	8
14	Quantum correlations for two coupled oscillators interacting with two heat baths. Canadian Journal of Physics, 2020, 98, 327-331.	1.1	1
15	Dynamics of a harmonic oscillator coupled with a Glauber amplifier. Physica Scripta, 2020, 95, 024004.	2.5	14
16	Conditions for Quantum and Classical Tomogram-Like Functions to Describe System States and to Retain Normalizations During Time Evolution. International Journal of Theoretical Physics, 2020, 59, 574-595.	1.2	2
17	The Discrete Center-of-Mass Tomogram. International Journal of Theoretical Physics, 2020, 59, 2404-2424.	1.2	2
18	Quantized-Energy Equation for N-Level Atom in the Probability Representation of Quantum Mechanics. Journal of Russian Laser Research, 2020, 41, 576-583.	0.6	3

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19	SU(2) Symmetry of Qubit States and Heisenberg–Weyl Symmetry of Systems with Continuous Variables in the Probability Representation of Quantum Mechanics. Symmetry, 2020, 12, 1099.	2.2	14
20	PT -Symmetric Qubit-System States in the Probability Representation of Quantum Mechanics. Symmetry, 2020, 12, 1702.	2.2	5
21	Integral transforms between tomogram and quasi-probability functions based on quantizer-dequantizer operators formalism. Journal of Mathematical Physics, 2020, 61, .	1.1	4
22	Conventional Quantum Statistics with a Probability Distribution Describing Quantum System States. Physics of Particles and Nuclei, 2020, 51, 772-780.	0.7	2
23	Schrödinger Equation for Energy Levels as a Linear Equation for Probability Distributions Identified with Quantum States. Journal of Russian Laser Research, 2020, 41, 441-450.	0.6	6
24	Probability Representation of Quantum Mechanics and the Quantizer–Dequantizer Formalism. Journal of Physics: Conference Series, 2020, 1612, 012009.	0.4	2
25	Star-Product Formalism for the Probability and Mean-Value Representations of Qudits. Journal of Russian Laser Research, 2020, 41, 470-483.	0.6	10
26	Observables, interference phenomenon and Born's rule in the probability representation of quantum mechanics. International Journal of Quantum Information, 2020, 18, 1941021.	1.1	10
27	Differential Parametric Formalism for the Evolution of Gaussian States: Nonunitary Evolution and Invariant States. Entropy, 2020, 22, 586.	2.2	12
28	Quantizer–dequantizer operators as a tool for formulating the quantization procedure. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126349.	2.1	11
29	Probability Representation of Quantum Mechanics Where System States Are Identified with Probability Distributions. Quantum Reports, 2020, 2, 64-79.	1.3	3
30	A New Mechanism of Open System Evolution and Its Entropy Using Unitary Transformations in Noncomposite Qudit Systems. Entropy, 2019, 21, 736.	2.2	9
31	Statistical properties of qutrit in probability representation of quantum mechanics. Physica A: Statistical Mechanics and Its Applications, 2019, 533, 121898.	2.6	6
32	SU(2) and SU(1,1) group parametrizations via qubit induced correlated probabilities. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 425201.	2.1	2
33	Probability Representation of Quantum Channels. Lobachevskii Journal of Mathematics, 2019, 40, 1444-1449.	0.9	2
34	Correlations in a system of classical-like coins simulating spin-1/2 states in the probability representation of quantum mechanics. European Physical Journal D, 2019, 73, 1.	1.3	13
35	Qubit representation of qudit states: correlations and state reconstruction. Quantum Information Processing, 2019, 18, 1.	2.2	7
36	Professor Viktor V. Dodonov: on the Occasion of His 70th Birthday. Journal of Russian Laser Research, 2019, 40, 105-106.	0.6	1

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37	Probability Representation of Quantum States as a Renaissance of Hidden Variablesâ€" God Plays Coins. Journal of Russian Laser Research, 2019, 40, 107-120.	0.6	10
38	Triangle Geometry of Spin States and Nonlinear Superposition of Probabilities Describing These Statesâ€. Journal of Russian Laser Research, 2019, 40, 6-18.	0.6	6
39	Quantum Tomography of Time-Dependent Nonlinear Hamiltonian Systems. Reports on Mathematical Physics, 2019, 83, 87-106.	0.8	3
40	Interference of Quantum States and Superposition Principle in Probability Representation of Quantum Mechanics. Open Systems and Information Dynamics, 2019, 26, 1950016.	1.2	2
41	Malevichâ€™s Suprematist Composition Picture for Spin States. Entropy, 2019, 21, 870.	2.2	1
42	New Entropic Inequalities for Qudit (Spin j = 9/2). Journal of Russian Laser Research, 2019, 40, 522-529.	0.6	2
43	Probability Representation of Photon States and Tomographyâ€. Journal of Russian Laser Research, 2019, 40, 503-514.	0.6	0
44	Probability representation of quantum mechanics and star product quantization. Journal of Physics: Conference Series, 2019, 1348, 012101.	0.4	8
45	Spin Kinetic Equations in the Probability Representation of Quantum Mechanics. Journal of Russian Laser Research, 2019, 40, 496-502.	0.6	3
46	Quadratic Tomography Star Product Algebra and its Classical Limit. International Journal of Theoretical Physics, 2019, 58, 543-557.	1.2	0
47	Hermite Polynomial Representation ofÂQubit States in Quantum SuprematismÂPicture. Springer Proceedings in Physics, 2019, , 289-303.	0.2	1
48	Entropic bounds between two thermal equilibrium states. Physical Review E, 2018, 97, 022128.	2.1	3
49	Center-of-Mass Tomography and Wigner Function for Multimode Photon States. International Journal of Theoretical Physics, 2018, 57, 1631-1644.	1.2	6
50	Separability and Entanglement in the Hilbert Space Reference Frames Related Through the Generic Unitary Transform for Four Level System. International Journal of Theoretical Physics, 2018, 57, 1285-1303.	1.2	1
51	Hidden Correlations and Entanglement in Single-Qudit Statesâ€. Journal of Russian Laser Research, 2018, 39, 1-11.	0.6	9
52	Optimal Nonlinear Filtering of Quantum State. IEEE Transactions on Information Theory, 2018, 64, 4784-4791.	2.4	1
53	New entropic inequalities for qubit and unimodal Gaussian states. Physica A: Statistical Mechanics and Its Applications, 2018, 491, 64-70.	2.6	8
54	Unnormalized Tomograms and Quasidistributions of Quantum States. Theoretical and Mathematical Physics(Russian Federation), 2018, 197, 1677-1689.	0.9	1

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55	Characterization of the nonlinear qubit map using the probability parametrization. Europhysics Letters, 2018, 123, 50004.	2.0	0
56	Quantum suprematism picture of Triada of Malevichâ€™s squares for spin states and the parametric oscillator evolution in the probability representation of quantum mechanics. Journal of Physics: Conference Series, 2018, 1071, 012008.	0.4	20
57	New Entropic Inequalities and Hidden Correlations in Quantum Suprematism Picture of Qudit States. Entropy, 2018, 20, 692.	2.2	26
58	Symbols of Multiqubit States Admitting a Physical Interpretation*. Journal of Russian Laser Research, 2018, 39, 360-375.	0.6	5
59	Geometry and Entanglement of Two-Qubit States in the Quantum Probabilistic Representation. Entropy, 2018, 20, 630.	2.2	26
60	Tomographic Representation of Electrocardiogram Signals. Journal of Russian Laser Research, 2018, 39, 302-313.	0.6	2
61	God Plays Coins or Superposition Principle for Classical Probabilities in Quantum Suprematism Representation of Qubit States. Journal of Russian Laser Research, 2018, 39, 128-139.	0.6	20
62	From quantum carpets to quantum suprematismâ€"the probability representation of qudit states and hidden correlations. Physica Scripta, 2018, 93, 084002.	2.5	22
63	Observables, Evolution Equation, and Stationary States Equation in the Joint Probability Representation of Quantum Mechanics. International Journal of Theoretical Physics, 2017, 56, 1183-1197.	1.2	1
64	Triangle Geometry of the Qubit State in the Probability Representation Expressed in Terms of the Triada of Malevichâ€™s Squares. Journal of Russian Laser Research, 2017, 38, 141-149.	0.6	45
65	Entropy-Energy Inequality for a Qutrit on the Example of a Three-Level Atom. Russian Physics Journal, 2017, 59, 1937-1941.	0.4	0
66	Gauge transformation of quantum states in probability representation. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 155302.	2.1	6
67	Dissipative Evolution of the Qubit State in the Tomographic-Probability Representation. Journal of Russian Laser Research, 2017, 38, 311-323.	0.6	4
68	Probability Representation of Quantum Observables and Quantum States. Journal of Russian Laser Research, 2017, 38, 324-333.	0.6	37
69	Minimal sets of dequantizers and quantizers for finite-dimensional quantum systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2778-2782.	2.1	8
70	Metric on the space of quantum states from relative entropy. Tomographic reconstruction. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 335302.	2.1	53
71	Symplectic Tomography of De Broglie Wave. Journal of Russian Laser Research, 2017, 38, 507-515.	0.6	4
72	Tomography on f-oscillators. Physica Scripta, 2017, 92, 115101.	2.5	4

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73	Triangle Geometry for Qutrit States in the Probability Representation. Journal of Russian Laser Research, 2017, 38, 416-425.	0.6	35
74	The Partition Formalism and New Entropic-Information Inequalities for Real Numbers on an Example of Clebsch–Gordan Coefficients. Journal of Russian Laser Research, 2017, 38, 50-60.	0.6	7
75	Entropic and information inequalities in the tomographic probability description of spin-1 particles. Bulletin of the Lebedev Physics Institute, 2017, 44, 106-110.	0.6	1
76	Entropic inequalities for matrix elements of rotation group irreducible representations. Lobachevskii Journal of Mathematics, 2017, 38, 699-708.	0.9	0
77	Nonnegative Discrete Symbols and Their Probabilistic Interpretation. Journal of Russian Laser Research, 2017, 38, 491-506.	0.6	9
78	Breakdown of separability due to confinement. Reports on Mathematical Physics, 2017, 80, 277-294.	0.8	0
79	Virtual Correlations in Single Qutrit. Advances in Mathematical Physics, 2016, 2016, 1-5.	0.8	0
80	The quantum-to-classical transition: contraction of associative products. Physica Scripta, 2016, 91, 045201.	2.5	8
81	Weighted Information and Weighted Entropic Inequalities for Qutrit States. Journal of Russian Laser Research, 2016, 37, 591-597.	0.6	2
82	Hidden Bell Correlations in the Four-Level Atom€. Journal of Russian Laser Research, 2016, 37, 1-9.	0.6	10
83	Inequalities for Purity Parameters of Multiqudit and Single-Qudit States. Journal of Russian Laser Research, 2016, 37, 133-140.	0.6	1
84	Star product, discrete Wigner functions, and spin-system tomograms. Theoretical and Mathematical Physics(Russian Federation), 2016, 186, 346-364.	0.9	8
85	Evolution and Entanglement of Gaussian States in the Parametric Amplifier. Journal of Russian Laser Research, 2016, 37, 23-44.	0.6	6
86	Steering in spin tomographic probability representation. Physica A: Statistical Mechanics and Its Applications, 2016, 458, 266-275.	2.6	2
87	Evolution Equation for a Joint Tomographic Probability Distribution of Spin-1 Particles. International Journal of Theoretical Physics, 2016, 55, 4885-4895.	1.2	5
88	Continuous Sets of Dequantizers and Quantizers for One-Qubit States*. Journal of Russian Laser Research, 2016, 37, 544-555.	0.6	4
89	Discretization of the Density Matrix as a Nonlinear Positive Map and Entanglement. Journal of Russian Laser Research, 2016, 37, 313-327.	0.6	2
90	Entropic Inequalities for Two Coupled Superconducting Circuits. Journal of Russian Laser Research, 2016, 37, 236-243.	0.6	3

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91	Subadditivity and Strong Subadditivity Conditions for the Density Matrix of the Five-Level Atom. Journal of Russian Laser Research, 2016, 37, 207-218.	0.6	1
92	Information Processing Using Three-Qubit and Qubit–Qutrit Encodings of Noncomposite Quantum Systems. Journal of Russian Laser Research, 2016, 37, 581-590.	0.6	6
93	Unitary Transform and Subadditivity Condition for Composite and Noncomposite Systems. Journal of Russian Laser Research, 2015, 36, 430-439.	0.6	1
94	Pauli Equation for a Joint Tomographic Probability Distribution. Journal of Russian Laser Research, 2015, 36, 534-549.	0.6	5
95	On pseudo-stochastic matrices and pseudo-positive maps. Physica Scripta, 2015, 90, 115202.	2.5	10
96	Deformed Entropic and Information Inequalities forX-States of Two-Qubit and Single Qudit States. Advances in Mathematical Physics, 2015, 2015, 1-4.	0.8	0
97	Generalized tomographic maps and star-product formalism. Physica Scripta, 2015, 90, 065101.	2.5	4
98	Minkowski-Type Inequality for Arbitrary Density Matrices of Composite and Noncomposite Systems. Journal of Russian Laser Research, 2015, 36, 17-23.	0.6	2
99	Separability and Entanglement of a Spin-1 Particle. Journal of Russian Laser Research, 2015, 36, 110-118.	0.6	3
100	Classical and quantum correlations in the system of interacting electromagnetic modes. Bulletin of the Lebedev Physics Institute, 2015, 42, 260-263.	0.6	1
101	Properties of Nonnegative Hermitian Matrices and New Entropic Inequalities for Noncomposite Quantum Systems. Entropy, 2015, 17, 2876-2894.	2.2	34
102	Deformed Entropy and Information Relations for Composite and Noncomposite Systems. Foundations of Physics, 2015, 45, 783-798.	1.3	7
103	Entropic and information inequality for nonlinearly transformed two-qubit X-states. Europhysics Letters, 2015, 109, 50005.	2.0	4
104	Gross–Pitaevskii Equation for the Density Matrix in the Position Representation. Journal of Russian Laser Research, 2015, 36, 135-138.	0.6	3
105	Tomographic discord for a system of two coupled nanoelectric circuits. Physica Scripta, 2015, 90, 055101.	2.5	14
106	Single qudit realization of the Deutsch algorithm using superconducting many-level quantum circuits. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 1409-1413.	2.1	71
107	Testing Entropic Inequalities for Superconducting Qudits. Journal of Russian Laser Research, 2015, 36, 448-457.	0.6	21
108	The Replica Method and Entropy for a Mixture of Two-Mode Even and Odd Schrödinger Cat States. Journal of Russian Laser Research, 2015, 36, 251-257.	0.6	4

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109	Steering and Correlations for a Single Qudit State on the Example of Spin j =3/2. Journal of Russian Laser Research, 2015, 36, 343-349.	0.6	6
110	Hidden Quantum Correlations in Single Qudit Systemsâ€. Journal of Russian Laser Research, 2015, 36, 301-311.	0.6	16
111	Entanglement and other quantum correlations of a single qudit state. International Journal of Quantum Information, 2014, 12, 1560006.	1.1	14
112	Finite Phase Space, Wigner Functions, and Tomography for Two-Qubit States. Journal of Russian Laser Research, 2014, 35, 427-436.	0.6	13
113	Sudden change in the equilibrium position and oscillator quantum transitions in the tomographic representation. Bulletin of the Lebedev Physics Institute, 2014, 41, 339-343.	0.6	1
114	The quantum strong subadditivity condition for systems without subsystems. Physica Scripta, 2014, T160, 014030.	2.5	42
115	New Inequalities for Quantum Von Neumann and Tomographic Mutual Information. Journal of Russian Laser Research, 2014, 35, 355-361.	0.6	6
116	Nonlinear Channels of Werner States. Journal of Russian Laser Research, 2014, 35, 362-368.	0.6	4
117	New Inequality for Density Matrices of Single Qudit States. Journal of Russian Laser Research, 2014, 35, 457-461.	0.6	15
118	Separability and Entanglement of the Qudit X-State with j = 3/2. Journal of Russian Laser Research, 2014, 35, 518-524.	0.6	12
119	No-Signaling Property of the Single-Qudit-State Tomogram. Journal of Russian Laser Research, 2014, 35, 582-589.	0.6	8
120	Contextuality in Tree-Like Graphs. Journal of Russian Laser Research, 2014, 35, 609-616.	0.6	1
121	Deformed Subadditivity Condition for Qudit States and Hybrid Positive Maps. Journal of Russian Laser Research, 2014, 35, 509-517.	0.6	11
122	Balance Equations-Based Properties of the Rabi Hamiltonian. Journal of Russian Laser Research, 2014, 35, 101-109.	0.6	0
123	Probability Vectors within the Classical and Quantum Frameworks. Journal of Russian Laser Research, 2014, 35, 79-92.	0.6	7
124	Wigner Functions and Spin Tomograms for Qubit States. Journal of Russian Laser Research, 2014, 35, 3-13.	0.6	16
125	Optical Tomograms and Husimi Q-Function for a Particle Moving in the Dirac Delta Potential. Journal of Russian Laser Research, 2014, 35, 470-477.	0.6	1
126	Subadditivity Condition for Spin Tomograms and Density Matrices of Arbitrary Composite and Noncomposite Qudit Systems. Journal of Russian Laser Research, 2014, 35, 278-290.	0.6	20

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127	Maps of Matrices and Portrait Maps of the Density Operators of Composite and Noncomposite Systems. Journal of Russian Laser Research, 2014, 35, 298-306.	0.6	13
128	Quantum correlations expressed as information and entropic inequalities for composite and noncomposite systems. Journal of Physics: Conference Series, 2014, 538, 012016.	0.4	9
129	Entropic Inequalities and Properties of Some Special Functions. Journal of Russian Laser Research, 2014, 35, 200-210.	0.6	8
130	Wigner function and the probability representation of quantum states. EPJ Web of Conferences, 2014, 78, 04002.	0.3	1
131	The role of the Wigner function in charged-particle beam transport. EPJ Web of Conferences, 2014, 78, 04003.	0.3	0
132	Wave function of classical particle in linear potential. Journal of Russian Laser Research, 2013, 34, 239-246.	0.6	3
133	Inequalities for nonnegative numbers and information properties of qudit tomograms. Journal of Russian Laser Research, 2013, 34, 203-218.	0.6	23
134	Contextuality and the probability representation of quantum states. Journal of Russian Laser Research, 2013, 34, 267-277.	0.6	3
135	Generalized Qubit Portrait of the Qutrit-State Density Matrix. Journal of Russian Laser Research, 2013, 34, 383-387.	0.6	35
136	Bound State of a Particle in the Dirac Delta Potential in the Tomographic-Probability Representation of Quantum Mechanics. Journal of Russian Laser Research, 2013, 34, 593-602.	0.6	3
137	Tomographic Discord and Quantum Correlations in a System of Qubits. Journal of Russian Laser Research, 2013, 34, 463-467.	0.6	10
138	Purity of spin states in terms of tomograms. Journal of Russian Laser Research, 2013, 34, 14-21.	0.6	8
139	Hermite Polynomial Representation of the Spin States. Journal of Russian Laser Research, 2013, 34, 175-184.	0.6	3
140	Tensor-product representation of qubits and tensor realization of one-qubit operators. Physica Scripta, 2013, T153, 014001.	2.5	1
141	Entropy of conditional tomographic probability distributions for classical and quantum systems. Journal of Physics: Conference Series, 2013, 442, 012008.	0.4	6
142	Tomographic entropic inequalities in the probability representation of quantum mechanics. , 2012, , .		14
143	Statistics of observables in the probability representation of quantum and classical system states. , 2012, , .		4
144	Star product and ordered moments of photon creation and annihilation operators. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 015305.	2.1	3

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145	Calculations of the propagator within the tomographic-probability framework. Journal of Russian Laser Research, 2012, 33, 503-508.	0.6	0
146	The probability representation as a new formulation of quantum mechanics. Journal of Physics: Conference Series, 2012, 380, 012005.	0.4	2
147	The driven oscillator in the photon-number probability representation of quantum mechanics. Journal of Russian Laser Research, 2012, 33, 255-268.	0.6	0
148	Bound entangled states of four qubits in the tomographic-probability representation. Journal of Russian Laser Research, 2012, 33, 269-275.	0.6	3
149	States in the Weyl–Wigner and tomographic-probability representations and entropic inequalities. Physica Scripta, 2012, T147, 014020.	2.5	8
150	Tomographic probability representation for states of charge moving in varying field. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 113, 624-629.	0.6	5
151	STATE-EXTENDED UNCERTAINTY RELATIONS AND TOMOGRAPHIC INEQUALITIES AS QUANTUM SYSTEM STATE CHARACTERISTICS. International Journal of Quantum Information, 2012, 10, 1241017.	1.1	8
152	Optical tomography of the distribution function of an ensemble of classical harmonic oscillators. Journal of Russian Laser Research, 2012, 33, 84-89.	0.6	1
153	Noncommutative tomography: A tool for data analysis and signal processing. Journal of Russian Laser Research, 2012, 33, 103-121.	0.6	9
154	Description and measurement of observables in the optical tomographic probability representation of quantum mechanics. Physical Review A, 2012, 85, .	2.5	34
155	Towards higher precision and operational use of optical homodyne tomograms. Physical Review A, 2012, 85, .	2.5	48
156	The driven-oscillator evolution in the tomographic-probability representation. Journal of Russian Laser Research, 2012, 33, 166-175.	0.6	2
157	Calculating means of quantum observables in the optical tomography representation. Theoretical and Mathematical Physics(Russian Federation), 2012, 171, 832-838.	0.9	4
158	Relaxation equation for muon spin tomogram in probability representation. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 112, 359-364.	0.6	1
159	Evolution of microwave quantum states in terms of measurable ordered moments of creation and annihilation operators. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 112, 365-372.	0.6	2
160	Dynamic symmetries and entropic inequalities in the probability representation of quantum mechanics. , 2011, , .		8
161	Optical tomography of photon-added coherent states, even and odd coherent states, and thermal states. Physical Review A, 2011, 83, .	2.5	28
162	General Bell-CHSH type and entropic inequalities based on quantum tomograms. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 656-665.	0.6	0

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163	Charged particle coherent states in tomographic probability representation. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 666-670.	0.6	3
164	Probability Description and Entropy of Classical andÂQuantum Systems. Foundations of Physics, 2011, 41, 330-344.	1.3	61
165	Unitary and non-unitary matrices as a source of different bases of operators acting on hilbert spaces. Journal of Russian Laser Research, 2011, 32, 56.	0.6	6
166	Probability representation of the quantum evolution and energy-level equations for optical tomograms. Journal of Russian Laser Research, 2011, 32, 74-85.	0.6	31
167	Probability representation and state-extended uncertainty relations. Journal of Russian Laser Research, 2011, 32, 125-129.	0.6	5
168	Optical propagator of quantum systems in the probability representation. Journal of Russian Laser Research, 2011, 32, 153-162.	0.6	4
169	Evolution equation of the optical tomogram for arbitrary quantum Hamiltonian and optical tomography of relativistic classical and quantum systems. Journal of Russian Laser Research, 2011, 32, 338-351.	0.6	10
170	Entropic characteristics of photon tomograms. Journal of Russian Laser Research, 2011, 32, 439-444.	0.6	2
171	Relaxation equations for the qubit in the tomographic representation. Journal of Russian Laser Research, 2011, 32, 584-595.	0.6	5
172	A transformational property of the Husimi function and its relation to the wigner function and symplectic tomograms. Theoretical and Mathematical Physics(Russian Federation), 2011, 166, 356-368.	0.9	21
173	Fresnel entropic characterization of optical Laguerreâ€"Gaussian beams. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 961-965.	2.1	2
174	Robustness of raw quantum tomography. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 861-866.	2.1	13
175	On the problem of quantum control in infinite dimensions. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 135302.	2.1	3
176	Measuring microwave quantum states: Tomogram and moments. Physical Review A, 2011, 84, .	2.5	18
177	Tomographic representation of kinetic equations in classical statistical mechanics. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika), 2010, 65, 359-365.	0.4	0
178	Inverse spin-s portrait and representation of qudit states by single probability vectors. Journal of Russian Laser Research, 2010, 31, 32-54.	0.6	29
179	Bell-type inequalities and tomographic entropies of multiqudit states. Journal of Russian Laser Research, 2010, 31, 61-69.	0.6	1
180	Fresnel tomography and interferometric technique for characterizing Laguerreâ€"Gaussian beams. Journal of Russian Laser Research, 2010, 31, 139-151.	0.6	3

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181	Symmetric informationally complete positive operator valued measure and probability representation of quantum mechanics. Journal of Russian Laser Research, 2010, 31, 211-231.	0.6	27
182	Tomographic probability and entropic inequalities for special functions. Journal of Russian Laser Research, 2010, 31, 368-379.	0.6	0
183	MuSR method and tomographic-probability representation of spin states. Journal of Russian Laser Research, 2010, 31, 421-442.	0.6	5
184	Two-mode squeezed vacuum states in tomographic-probability representation. Journal of Russian Laser Research, 2010, 31, 520-532.	0.6	1
185	Fidelity in the center-of-mass tomography. Journal of Russian Laser Research, 2010, 31, 608-613.	0.6	1
186	On the tomographic picture of quantum mechanics. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 2614-2617.	2.1	22
187	Classical and quantum Fisher information in the geometrical formulation of quantum mechanics. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4801-4803.	2.1	71
188	Photon number tomography and photon statistics of two-mode Gaussian states. Physica Scripta, 2010, T140, 014028.	2.5	3
189	Moyal and tomographic probability representations for f-oscillator quantum states. Physica Scripta, 2010, 81, 045004.	2.5	10
190	Canonical transforms, quantumness and probability representation of quantum mechanics. , 2010, , .		0
191	Superposition rule and entanglement in diagonal and probability representations of density states. Physica Scripta, 2009, T135, 014035.	2.5	0
192	A generalized Wigner function on the space of irreducible representations of the Weylâ€"Heisenberg group and its transformation properties. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 155302.	2.1	11
193	A tomographic analysis of reflectometry data: I. Component factorization. Measurement Science and Technology, 2009, 20, 105501.	2.6	11
194	Quantum Fourier transform and tomographic RÃ©nyi entropic inequalities. Theoretical and Mathematical Physics(Russian Federation), 2009, 160, 995-1005.	0.9	9
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