

Radim Filip

List of Publications by Year in descending order

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217
papers

4,104
citations

126708

33
h-index

161609

54
g-index

218
all docs

218
docs citations

218
times ranked

1920
citing authors

#	ARTICLE	IF	CITATIONS
1	Pairwise-measurement-induced synthesis of quantum coherence. <i>Physical Review A</i> , 2022, 105, .	1.0	1
2	Thermally induced entanglement of atomic oscillators. <i>Optics Express</i> , 2022, 30, 8814.	1.7	3
3	Nonclassicality detection from few Fock-state probabilities. <i>Npj Quantum Information</i> , 2022, 8, .	2.8	4
4	Universal Unitary Transfer of Continuous-Variable Quantum States into a Few Qubits. <i>Physical Review Letters</i> , 2022, 128, 110503.	2.9	3
5	Quantum non-Gaussianity of light and atoms. <i>Progress in Quantum Electronics</i> , 2022, 83, 100395.	3.5	11
6	Hierarchy of quantum non-Gaussian conservative motion. <i>Communications Physics</i> , 2022, 5, .	2.0	4
7	Controlled beam splitter gate transparent to dominant ancilla errors. <i>Quantum Science and Technology</i> , 2022, 7, 035025.	2.6	2
8	Slowing quantum decoherence of oscillators by hybrid processing. <i>Npj Quantum Information</i> , 2022, 8, .	2.8	3
9	Measurement-free preparation of grid states. <i>Npj Quantum Information</i> , 2021, 7, .	2.8	20
10	Nonlinear Squeezing for Measurement-Based Non-Gaussian Operations in Time Domain. <i>Physical Review Applied</i> , 2021, 15, .	1.5	16
11	Effect of source statistics on utilizing photon entanglement in quantum key distribution. <i>Physical Review A</i> , 2021, 103, .	1.0	8
12	Unconditional Preparation of Squeezed Vacuum from Rabi Interactions. <i>Physical Review Letters</i> , 2021, 126, 153602.	2.9	11
13	Estimation of heavy tails in optical non-linear processes. <i>New Journal of Physics</i> , 2021, 23, 043013.	1.2	0
14	Experimental Fock-state bunching capability of non-ideal single-photon states. <i>Optica</i> , 2021, 8, 743.	4.8	4
15	Quantum Non-Gaussian Photon Coincidences. <i>Physical Review Letters</i> , 2021, 126, 213604.	2.9	6
16	Experimental demonstration of optimal probabilistic enhancement of quantum coherence. <i>Quantum Science and Technology</i> , 2021, 6, 045010.	2.6	3
17	Cross talk compensation in multimode continuous-variable entanglement distribution. <i>Optics Express</i> , 2021, 29, 24083.	1.7	3
18	Stroboscopic high-order nonlinearity for quantum optomechanics. <i>Npj Quantum Information</i> , 2021, 7, .	2.8	5

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19	Quantum non-Gaussianity criteria based on vacuum probabilities of original and attenuated state. <i>New Journal of Physics</i> , 2021, 23, 073005.	1.2	4
20	Modulation leakage vulnerability in continuous-variable quantum key distribution. <i>Quantum Science and Technology</i> , 2021, 6, 045001.	2.6	17
21	Uncertainty-induced instantaneous speed and acceleration of a levitated particle. <i>Scientific Reports</i> , 2021, 11, 18185.	1.6	3
22	Frequency-multiplexed entanglement for continuous-variable quantum key distribution. <i>Photonics Research</i> , 2021, 9, 2351.	3.4	6
23	Non-Clifford gate on optical qubits by nonlinear feedforward. <i>Physical Review Research</i> , 2021, 3, .	1.3	10
24	Stabilization of product states and excited-state quantum phase transitions in a coupled qubit-field system. <i>Physical Review A</i> , 2021, 104, .	1.0	8
25	Hierarchy of quantum non-Gaussian States: Theory and Experiment. , 2021, , .		0
26	Enhanced steady-state coherence via repeated system-bath interactions. <i>Physical Review A</i> , 2021, 104, .	1.0	15
27	Hybrid Rabi interactions with traveling states of light. <i>New Journal of Physics</i> , 2020, 22, 013056.	1.2	1
28	Using the transient trajectories of an optically levitated nanoparticle to characterize a stochastic Duffing oscillator. <i>Scientific Reports</i> , 2020, 10, 14436.	1.6	13
29	Detecting Nonclassical Correlations in Levitated Cavity Optomechanics. <i>Physical Review Applied</i> , 2020, 14, .	1.5	15
30	Unconditional Accumulation of Nonclassicality in a Single-Atom Mechanical Oscillator. <i>Advanced Quantum Technologies</i> , 2020, 3, 2000012.	1.8	5
31	Squeezing-enhanced quantum key distribution over atmospheric channels. <i>New Journal of Physics</i> , 2020, 22, 053006.	1.2	22
32	Combining Floquet and Lyapunov techniques for time-dependent problems in optomechanics and electromechanics. <i>New Journal of Physics</i> , 2020, 22, 063019.	1.2	5
33	Tunable phonon-induced steady-state coherence in a double-quantum-dot charge qubit. <i>Npj Quantum Information</i> , 2020, 6, .	2.8	39
34	Stationary Gaussian entanglement between levitated nanoparticles. <i>New Journal of Physics</i> , 2020, 22, 123021.	1.2	15
35	Strong mechanical squeezing for a levitated particle by coherent scattering. <i>Physical Review Research</i> , 2020, 2, .	1.3	14
36	Benchmarking photon number resolving detectors. <i>Optics Express</i> , 2020, 28, 14839.	1.7	25

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37	Optical estimation of unitary Gaussian processes without phase reference using Fock states. New Journal of Physics, 2020, 22, 123039.	1.2	3
38	Experimental quantum decoherence control by dark states of the environment. New Journal of Physics, 2020, 22, 093058.	1.2	3
39	Role of Signal Squeezing in Continuous-Variable Quantum Key Distribution Over Fluctuating Channels. , 2019, , .		0
40	Faithful Hierarchy of Genuine $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mi>n\langle/mml:mi>\langle/mml:math>$ -Photon Quantum Non-Gaussian Light. Physical Review Letters, 2019, 123, 043601.	2.9	30
41	Heat capacities of thermally manipulated mechanical oscillator at strong coupling. Scientific Reports, 2019, 9, 10855.	1.6	6
42	Estimation of squeezing in a nonlinear quadrature of a mechanical oscillator. New Journal of Physics, 2019, 21, 113050.	1.2	8
43	Deterministic multi-mode nonlinear coupling for quantum circuits. New Journal of Physics, 2019, 21, 063018.	1.2	5
44	Criteria for single photon sources with variable nonclassicality threshold. New Journal of Physics, 2019, 21, 083012.	1.2	6
45	Indefinite-Mean Pareto Photon Distribution from Amplified Quantum Noise. Physical Review Letters, 2019, 123, 123606.	2.9	24
46	Nonclassical states of levitated macroscopic objects beyond the ground state. Quantum Science and Technology, 2019, 4, 024006.	2.6	3
47	Fading channel estimation for free-space continuous-variable secure quantum communication. New Journal of Physics, 2019, 21, 123036.	1.2	33
48	Measurement Induced Synthesis of Coherent Quantum Batteries. Scientific Reports, 2019, 9, 19628.	1.6	7
49	Feasibility of quantum key distribution with macroscopically bright coherent light. Optics Express, 2019, 27, 36154.	1.7	3
50	General implementation of arbitrary nonlinear quadrature phase gates. Physical Review A, 2018, 97, .	1.0	40
51	Quantum non-Gaussian multiphoton light. Npj Quantum Information, 2018, 4, .	2.8	40
52	Brownian motion surviving in the unstable cubic potential and the role of Maxwell's demon. Physical Review E, 2018, 97, 032127.	0.8	18
53	Experimental stochastic systems based on optical forces. Journal of Physics: Conference Series, 2018, 1092, 012173.	0.3	0
54	Diffusing up the Hill: Dynamics and Equipartition in Highly Unstable Systems. Physical Review Letters, 2018, 121, 230601.	2.9	39

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55	Complete elimination of information leakage in continuous-variable quantum communication channels. Npj Quantum Information, 2018, 4, .	2.8	17
56	Multiphoton nonclassical light from clusters of single-photon emitters. New Journal of Physics, 2018, 20, 073013.	1.2	21
57	Quantum optomechanical transducer with ultrashort pulses. New Journal of Physics, 2018, 20, 083042.	1.2	10
58	Deterministic nonlinear phase gates induced by a single qubit. New Journal of Physics, 2018, 20, 053022.	1.2	13
59	Nondestructive detector for exchange symmetry of photonic qubits. Npj Quantum Information, 2018, 4, .	2.8	9
60	The compact setup for laser cooling and high-resolution spectroscopy with cold $^{40}\text{Ca}^+$ ions. , 2018, , .		2
61	Steady-State Coherences by Composite System-Bath Interactions. Physical Review Letters, 2018, 121, 070401.	2.9	62
62	Compensating the Cross-Talk in Two-Mode Continuous-Variable Quantum Communication. , 2018, , .		1
63	Loop-based subtraction of a single photon from a traveling beam of light. Optics Express, 2018, 26, 29837.	1.7	11
64	Stabilization of transmittance fluctuations caused by beam wandering in continuous-variable quantum communication over free-space atmospheric channels. Optics Express, 2018, 26, 31106.	1.7	22
65	Underdamped and overdamped dynamics of objects in nonlinear optical potentials. , 2018, , .		0
66	Anomalous shift of the most probable position of a particle in an unstable optically created potential. , 2018, , .		0
67	Estimation of nonclassical independent Gaussian processes by classical interferometry. Scientific Reports, 2017, 7, 39641.	1.6	3
68	Photon-phonon-photon transfer in optomechanics. Scientific Reports, 2017, 7, 46764.	1.6	13
69	Thermally induced micro-motion by inflection in optical potential. Scientific Reports, 2017, 7, 1697.	1.6	18
70	Multi-copy quantifiers for single-photon states. Scientific Reports, 2017, 7, 1484.	1.6	6
71	Direct observation of phase-sensitive Hong-Ou-Mandel interference. Physical Review A, 2017, 96, .	1.0	7
72	Optomechanical oscillator controlled by variation in its heat bath temperature. Physical Review A, 2017, 95, .	1.0	10

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73	Qubit-mediated deterministic nonlinear gates for quantum oscillators. <i>Scientific Reports</i> , 2017, 7, 11536.	1.6	8
74	Robustness of quantum key distribution with discrete and continuous variables to channel noise. <i>Physical Review A</i> , 2017, 95, .	1.0	24
75	Continuous-variable quantum key distribution with a leakage from state preparation. <i>Physical Review A</i> , 2017, 96, .	1.0	27
76	Sufficiency of quantum non-Gaussianity for discrete-variable quantum key distribution over noisy channels. <i>Physical Review A</i> , 2017, 96, .	1.0	11
77	Light-matter quantum interferometry with homodyne detection. <i>Optics Express</i> , 2017, 25, 15456.	1.7	2
78	Pulsed quantum continuous-variable optoelectromechanical transducer. <i>Optics Express</i> , 2017, 25, 18974.	1.7	7
79	Quantum non-Gaussianity from a large ensemble of single photon emitters. <i>Optics Express</i> , 2016, 24, 27352.	1.7	8
80	Trusted Noise in Continuous-Variable Quantum Key Distribution: A Threat and a Defense. <i>Entropy</i> , 2016, 18, 20.	1.1	85
81	Noise-to-signal transition of a Brownian particle in the cubic potential: I. general theory. <i>Journal of Optics (United Kingdom)</i> , 2016, 18, 065401.	1.0	14
82	Proof-of-principle test of coherent-state continuous variable quantum key distribution through turbulent atmosphere (Conference Presentation)., 2016, , .		1
83	Nonclassical light from a large number of independent single-photon emitters. <i>Scientific Reports</i> , 2016, 6, 19760.	1.6	15
84	Pulsed quantum interaction between two distant mechanical oscillators. <i>Physical Review A</i> , 2016, 94, .	1.0	12
85	Theoretical analysis of motion of a microparticle in an optically created cubic potential. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
86	Continuous- and discrete-variable quantum key distribution with nonclassical light over noisy channels. , 2016, , .		2
87	Finite approximation of unitary operators for conditional analog simulators. <i>Physical Review A</i> , 2016, 94, .	1.0	5
88	Noise-to-signal transition of a Brownian particle in the cubic potential: II. optical trapping geometry. <i>Journal of Optics (United Kingdom)</i> , 2016, 18, 065402.	1.0	11
89	Thermally induced passage and current of particles in a highly unstable optical potential. <i>Physical Review E</i> , 2016, 94, 042108.	0.8	12
90	Deterministic nonclassicality for quantum-mechanical oscillators in thermal states. <i>Physical Review A</i> , 2016, 94, .	1.0	8

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91	Implementation of a quantum cubic gate by an adaptive non-Gaussian measurement. Physical Review A, 2016, 93, .	1.0	84
92	Preventing side-channel effects in continuous-variable quantum key distribution. Physical Review A, 2016, 93, .	1.0	22
93	Low-noise macroscopic twin beams. Physical Review A, 2016, 93, .	1.0	20
94	Estimation of the covariance matrix of macroscopic quantum states. Physical Review A, 2016, 93, .	1.0	3
95	Conditional nonlinear operations by sequential Jaynes-Cummings interactions. Physical Review A, 2016, 94, .	1.0	3
96	Squeezer-based pulsed optomechanical interface. Physical Review A, 2016, 93, .	1.0	17
97	Quantum communication with macroscopically bright nonclassical states. Optics Express, 2015, 23, 31534.	1.7	12
98	Quantum controlled-Zgate for weakly interacting qubits. Physical Review A, 2015, 92, .	1.0	4
99	Continuous-variable entanglement mediated by a thermal oscillator. Physical Review A, 2015, 92, .	1.0	4
100	Transfer of non-Gaussian quantum states of mechanical oscillator to light. Physical Review A, 2015, 92, .	1.0	13
101	All-optical simulations of nonclassical noise-induced effects in quantum optomechanics. Physical Review A, 2015, 92, .	1.0	6
102	Decoherence control by quantum decoherence itself. Scientific Reports, 2015, 5, 9796.	1.6	19
103	Conditional cooling limit for a quantum channel going through an incoherent environment. Scientific Reports, 2015, 5, 16721.	1.6	1
104	Conditional superpositions of Gaussian operations on different modes of light. Physical Review A, 2015, 91, .	1.0	9
105	Robust entanglement with a thermal mechanical oscillator. Physical Review A, 2015, 91, .	1.0	11
106	Efficiency vs multi-photon contribution test for quantum dots. Optics Express, 2014, 22, 4789.	1.7	39
107	Purely lossy and robust quantum interfaces between light and matter. Optics Express, 2014, 22, 30697.	1.7	2
108	Nonlocal quantum gate on quantum continuous variables with minimal resources. Physical Review A, 2014, 90, .	1.0	16

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109	Squeezed-state generation from single-photon sources. <i>Physical Review A</i> , 2014, 90, .	1.0	6
110	Quantum non-Gaussian Depth of Single-Photon States. <i>Physical Review Letters</i> , 2014, 113, 223603.	2.9	52
111	Noiseless Conditional Teleportation of a Single Photon. <i>Physical Review Letters</i> , 2014, 113, 223602.	2.9	21
112	Experimental realization of a dynamic squeezing gate. <i>Physical Review A</i> , 2014, 90, .	1.0	38
113	Long-distance continuous-variable quantum key distribution with efficient channel estimation. <i>Physical Review A</i> , 2014, 90, .	1.0	74
114	Entanglement-based continuous-variable quantum key distribution with multimode states and detectors. <i>Physical Review A</i> , 2014, 90, .	1.0	23
115	Thermally induced creation of quantum coherence. <i>Physical Review A</i> , 2014, 90, .	1.0	3
116	Exploring a New Regime for Processing Optical Qubits: Squeezing and Unsqueezing Single Photons. <i>Physical Review Letters</i> , 2014, 113, 013601.	2.9	60
117	Nonlinear potential of a quantum oscillator induced by single photons. <i>Physical Review A</i> , 2014, 90, .	1.0	17
118	Recovery of qubit coherence by noise-eater technique. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
119	Vacuum Suppression in Gain-tuned Continuous-Variable Quantum Teleportation of a Single Photon by Conditioning on Sender. , 2014, , .		0
120	Demonstration of Dynamic Squeezing Gate for Continuous-Variable Quantum Information Processing. , 2014, , .		0
121	Gaussian Error Correction of Quantum States in a Correlated Noisy Channel. <i>Physical Review Letters</i> , 2013, 111, 180502.	2.9	24
122	Robustness of quantum nonclassicality and non-Gaussianity of single-photon states in attenuating channels. <i>Physical Review A</i> , 2013, 88, .	1.0	19
123	Carrying qubits with particles whose noninformational degrees of freedom are nonfactorable. <i>Physical Review A</i> , 2013, 87, .	1.0	5
124	Gaussian quantum adaptation of non-Gaussian states for a lossy channel. <i>Physical Review A</i> , 2013, 87, .	1.0	29
125	Generating superposition of up-to three photons for continuous variable quantum information processing. <i>Optics Express</i> , 2013, 21, 5529.	1.7	122
126	Quantum noise eater for a single photonic qubit. <i>New Journal of Physics</i> , 2013, 15, 083050.	1.2	1

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127	Hierarchy of feasible nonclassicality criteria for sources of photons. <i>Physical Review A</i> , 2013, 88, .	1.0	26
128	Robust Gaussian entanglement with a macroscopic oscillator at thermal equilibrium. <i>Physical Review A</i> , 2013, 87, .	1.0	6
129	Emulating quantum cubic nonlinearity. <i>Physical Review A</i> , 2013, 88, .	1.0	63
130	Distillation of quantum squeezing. <i>Physical Review A</i> , 2013, 88, .	1.0	10
131	Experimental test of the robustness of the non-classicality of single photons. , 2013, , .		0
132	Towards long-distance continuous-variable quantum key distribution enforced by nonclassicality. , 2012, , .		0
133	Probabilistic cloning of coherent states without a phase reference. <i>Physical Review A</i> , 2012, 86, .	1.0	28
134	Unconditional Conversion between a Single-Photon State and a Coherent-State Superposition via Squeezing Operation. , 2012, , .		0
135	Conditional quantum teleportation of non-Gaussian states of light: improvement to output state non-classicality. , 2012, , .		0
136	Continuous variable quantum key distribution with modulated entangled states. <i>Nature Communications</i> , 2012, 3, 1083.	5.8	169
137	Testing sequential quantum measurements: how can maximal knowledge be extracted?. <i>Scientific Reports</i> , 2012, 2, 443.	1.6	19
138	Entanglement of Gaussian states and the applicability to quantum key distribution over fading channels. <i>New Journal of Physics</i> , 2012, 14, 093048.	1.2	98
139	Experimental Test of the Quantum Non-Gaussian Character of a Heralded Single-Photon State. <i>Physical Review Letters</i> , 2011, 107, 213602.	2.9	73
140	Deterministic implementation of weak quantum cubic nonlinearity. <i>Physical Review A</i> , 2011, 84, .	1.0	77
141	Classical correlations can enhance the continuous-variable quantum key distribution. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2011, 111, 673-677.	0.2	1
142	Squeezed-state quantum key distribution upon imperfect reconciliation. <i>New Journal of Physics</i> , 2011, 13, 113007.	1.2	54
143	Concentrating the phase of a coherent state by means of probabilistic amplification. , 2011, , .		0
144	Demonstration of a reversible phase-insensitive optical amplifier. <i>Physical Review A</i> , 2011, 83, .	1.0	17

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145	Visibility bound caused by a distinguishable noise particle. Physical Review A, 2011, 83, .	1.0	6
146	Coherent versus incoherent sequential quantum measurements. Physical Review A, 2011, 83, .	1.0	6
147	Sequential quantum measurements on entangled states. , 2011, , .		0
148	Detecting Quantum States with a Positive Wigner Function beyond Mixtures of Gaussian States. Physical Review Letters, 2011, 106, 200401.	2.9	96
149	Quantum teleportation of Schrödinger's cat wave-packets of light. , 2011, , .		0
150	Continuous-variable teleportation of a negative Wigner function. Physical Review A, 2010, 82, .	1.0	21
151	Noise-powered probabilistic concentration of phase information. Nature Physics, 2010, 6, 767-771.	6.5	126
152	Demonstration of Unconditional Quantum Erasing for Continuous Variables. , 2010, , .		0
153	Demonstration of cluster-state shaping and quantum erasure for continuous variables. Physical Review A, 2010, 82, .	1.0	18
154	Experimental demonstration of squeezed-state quantum averaging. Physical Review A, 2010, 82, .	1.0	16
155	Continuous-variable entanglement distillation of non-Gaussian mixed states. Physical Review A, 2010, 82, .	1.0	30
156	Noise-resilient quantum interface based on quantum nondemolition interactions. Physical Review A, 2010, 81, .	1.0	24
157	Squeezing restoration by a noisy probe from a classically correlated environment. Physical Review A, 2010, 81, .	1.0	2
158	Feasibility of continuous-variable quantum key distribution with noisy coherent states. Physical Review A, 2010, 81, .	1.0	86
159	Coherent-state phase concentration by quantum probabilistic amplification. Physical Review A, 2010, 81, .	1.0	76
160	Environment-assisted quantum-information correction for continuous variables. Physical Review A, 2010, 81, .	1.0	17
161	Complete analysis of measurement-induced entanglement localization on a three-photon system. Physical Review A, 2010, 81, .	1.0	3
162	Experimental Quantum Averaging of Squeezed Quadratures. , 2010, , .		0

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163	Quantum Teleportation of Wavepackets in a Non-Gaussian State. , 2009, , .		1
164	Gaussian-optimized preparation of non-Gaussian pure states. Physical Review A, 2009, 79, .	1.0	32
165	Quantum interface to a noisy system through a single kind of arbitrary Gaussian coupling with limited interaction strength. Physical Review A, 2009, 80, .	1.0	19
166	Continuous Variable Entanglement Distillation of Non-Gaussian States. , 2009, , .		0
167	EXPERIMENTAL ENTANGLEMENT RESTORATION ON NOISY CHANNELS BY MEASURING ENVIRONMENT. International Journal of Quantum Information, 2009, 07, 1-8.	0.6	4
168	Entanglement localization after coupling to an incoherent noisy system. Physical Review A, 2009, 79, .	1.0	9
169	Chapter 6 Quantum Feed-Forward Control of Light. Progress in Optics, 2009, 53, 365-414.	0.4	4
170	Experimental entanglement distillation of mesoscopic quantum states. Nature Physics, 2008, 4, 919-923.	6.5	137
171	Quantum adaptation of noisy channels. Physical Review A, 2008, 78, .	1.0	3
172	Security of coherent-state key distribution through an amplifying channel. Physical Review A, 2008, 77, .	1.0	4
173	Continuous-variable quantum key distribution with noisy coherent states. Physical Review A, 2008, 77, .	1.0	70
174	Excess-noise-free recording and uploading of nonclassical states to continuous-variable quantum memory. Physical Review A, 2008, 78, .	1.0	14
175	Experimental restoration of entanglement on an entanglement breaking quantum channel. , 2008, , .		0
176	Nonunity gain minimal-disturbance measurement. Physical Review A, 2007, 76, .	1.0	16
177	Experimentally feasible purification of continuous-variable entanglement. Physical Review A, 2007, 75, .	1.0	25
178	Distillation of Continuous-Variable Entanglement. , 2007, , 101-120.		0
179	Encoding Two Qubits into a Single Qutrit: An Experiment. Acta Physica Hungarica A Heavy Ion Physics, 2006, 26, 269-276.	0.4	0
180	Experimental Demonstration of Coherent State Estimation with Minimal Disturbance. Physical Review Letters, 2006, 96, 020409.	2.9	36

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181	How to measure a coherent state with minimal disturbance. , 2006, , .		0
182	Coherent-state information concentration and purification in atomic memory. Physical Review A, 2006, 74, .	1.0	2
183	Optical implementation of the encoding of two qubits to a single qutrit. Physical Review A, 2006, 74, .	1.0	19
184	Experimental purification of coherent states. Physical Review A, 2005, 72, .	1.0	26
185	Measurement-induced continuous-variable quantum interactions. Physical Review A, 2005, 71, .	1.0	125
186	Elimination of mode coupling in multimode continuous-variable key distribution. Physical Review A, 2005, 71, .	1.0	10
187	Optimal partial deterministic quantum teleportation of qubits. Physical Review A, 2005, 71, .	1.0	9
188	Quantum nondemolition measurement saturates fidelity trade-off. Physical Review A, 2005, 72, .	1.0	13
189	Optimal partial estimation of multiple phases. Physical Review A, 2005, 72, .	1.0	26
190	Improving teleportation of continuous variables by local operations. Physical Review A, 2005, 71, .	1.0	14
191	Conditional implementation of an asymmetrical universal quantum cloning machine. Physical Review A, 2004, 69, .	1.0	17
192	Experimental Demonstration of Continuous Variable Quantum Erasing. Physical Review Letters, 2004, 93, 100403.	2.9	23
193	How Quantum Correlations Enhance Prediction of Complementary Measurements. Physical Review Letters, 2004, 93, 180404.	2.9	6
194	Improved storage of coherent and squeezed states in an imperfect ring cavity. Physical Review A, 2004, 70, .	1.0	7
195	Reversibility of continuous-variable quantum cloning. Physical Review A, 2004, 69, .	1.0	8
196	Quantum partial teleportation as optimal cloning at a distance. Physical Review A, 2004, 69, .	1.0	36
197	Continuous-variable quantum nondemolishing interaction at a distance. Physical Review A, 2004, 69, .	1.0	10
198	How Quantum Correlations Enhance Prediction of Complementary Measurements. AIP Conference Proceedings, 2004, , .	0.3	0

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199	Continuous variable quantum erasing. , 2004, , IMG6.		0
200	Simple optical measurement of the overlap and fidelity of quantum states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 310, 95-100.	0.9	34
201	Screening of a qubit from the influence of a zero-temperature reservoir. Physical Review A, 2003, 67, .	1.0	7
202	Continuous-variable quantum erasing. Physical Review A, 2003, 67, .	1.0	17
203	Entanglement concentration of continuous-variable quantum states. Physical Review A, 2003, 67, .	1.0	49
204	The collective squeezing operation for pure Gaussian states with unknown parameters. Journal of Optics B: Quantum and Semiclassical Optics, 2003, 5, 387-390.	1.4	0
205	Universal Measurement Apparatus Controlled by Quantum Software. Physical Review Letters, 2002, 89, 190401.	2.9	54
206	Violation of Bell's inequalities for a two-mode squeezed vacuum state in lossy transmission lines. Physical Review A, 2002, 66, .	1.0	24
207	Bell-inequality violation with thermal radiation. Physical Review A, 2002, 65, .	1.0	13
208	Overlap and entanglement-witness measurements. Physical Review A, 2002, 65, .	1.0	92
209	Continuous-variable Werner state: Separability, nonlocality, squeezing, and teleportation. Physical Review A, 2002, 65, .	1.0	46
210	Complementarity, entanglement and quantum erasing in continuous-variable quantum nondemolition experiments. Journal of Optics B: Quantum and Semiclassical Optics, 2002, 4, 202-207.	1.4	4
211	Stochastic simulations of quantum optical systems. , 2001, 4356, 39.		0
212	Non-perturbative Treatment of Nonlinear Optical Systems. Fortschritte Der Physik, 2001, 49, 1047.	1.5	2
213	Non-perturbative solution of nonlinear Heisenberg equations. Journal of Physics A, 2001, 34, 5603-5612.	1.6	4
214	Entanglement of coherent states and decoherence*. Journal of Optics B: Quantum and Semiclassical Optics, 2001, 3, 341-345.	1.4	11
215	Direct detection of quantum non-Gaussian light from a dispersively coupled single atom. Quantum - the Open Journal for Quantum Science, 0, 6, 660.	0.0	1
216	Extraction of autonomous quantum coherences. Quantum - the Open Journal for Quantum Science, 0, 6, 689.	0.0	3

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217	Atom-Mechanical Hong-Ou-Mandel Interference. Quantum - the Open Journal for Quantum Science, 0, 6, 686.	0.0	1