

Timothy Cameron Ralph

List of Publications by Year in descending order

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345
papers

21,285
citations

17429

63
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10724

138
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353
all docs

353
docs citations

353
times ranked

8218
citing authors

#	ARTICLE	IF	CITATIONS
1	Gaussian quantum information. <i>Reviews of Modern Physics</i> , 2012, 84, 621-669.	16.4	2,430
2	Linear optical quantum computing with photonic qubits. <i>Reviews of Modern Physics</i> , 2007, 79, 135-174.	16.4	2,076
3	Demonstration of an all-optical quantum controlled-NOT gate. <i>Nature</i> , 2003, 426, 264-267.	13.7	792
4	Universal Quantum Computation with Continuous-Variable Cluster States. <i>Physical Review Letters</i> , 2006, 97, 110501.	2.9	601
5	Simplifying quantum logic using higher-dimensional Hilbert spaces. <i>Nature Physics</i> , 2009, 5, 134-140.	6.5	570
6	Quantum computation with optical coherent states. <i>Physical Review A</i> , 2003, 68, .	1.0	537
7	Photonic Boson Sampling in a Tunable Circuit. <i>Science</i> , 2013, 339, 794-798.	6.0	522
8	Continuous variable quantum cryptography. <i>Physical Review A</i> , 1999, 61, .	1.0	468
9	Large-scale silicon quantum photonics implementing arbitrary two-qubit processing. <i>Nature Photonics</i> , 2018, 12, 534-539.	15.6	384
10	Quantum Cryptography Without Switching. <i>Physical Review Letters</i> , 2004, 93, 170504.	2.9	381
11	Quantum Process Tomography of a Controlled-NOT Gate. <i>Physical Review Letters</i> , 2004, 93, 080502.	2.9	378
12	Measurement of Quantum Weak Values of Photon Polarization. <i>Physical Review Letters</i> , 2005, 94, 220405.	2.9	290
13	Continuous Variable Quantum Cryptography: Beating the 3ÂdB Loss Limit. <i>Physical Review Letters</i> , 2002, 89, 167901.	2.9	287
14	Experimental investigation of continuous-variable quantum teleportation. <i>Physical Review A</i> , 2003, 67, .	1.0	280
15	Heralded noiseless linear amplification and distillation of entanglement. <i>Nature Photonics</i> , 2010, 4, 316-319.	15.6	272
16	Tomography of quantum detectors. <i>Nature Physics</i> , 2009, 5, 27-30.	6.5	267
17	Quantum computing with continuous-variable clusters. <i>Physical Review A</i> , 2009, 79, .	1.0	261
18	Linear optical controlled-NOT gate in the coincidence basis. <i>Physical Review A</i> , 2002, 65, .	1.0	258

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19	Polarization squeezing and continuous-variable polarization entanglement. Physical Review A, 2002, 65, .	1.0	239
20	Fault-Tolerant Linear Optical Quantum Computing with Small-Amplitude Coherent States. Physical Review Letters, 2008, 100, 030503.	2.9	227
21	Efficient Toffoli gates using qudits. Physical Review A, 2007, 75, .	1.0	224
22	Experimental Investigation of Criteria for Continuous Variable Entanglement. Physical Review Letters, 2003, 90, 043601.	2.9	208
23	Boson Sampling from a Gaussian State. Physical Review Letters, 2014, 113, 100502.	2.9	205
24	Observing the operational significance of discord consumption. Nature Physics, 2012, 8, 671-675.	6.5	201
25	No-Switching Quantum Key Distribution Using Broadband Modulated Coherent Light. Physical Review Letters, 2005, 95, 180503.	2.9	195
26	Teleportation with Bright Squeezed Light. Physical Review Letters, 1998, 81, 5668-5671.	2.9	189
27	Quantum-Enhanced Optical-Phase Tracking. Science, 2012, 337, 1514-1517.	6.0	180
28	Teleportation improvement by conditional measurements on the two-mode squeezed vacuum. Physical Review A, 2002, 65, .	1.0	176
29	Simple scheme for efficient linear optics quantum gates. Physical Review A, 2001, 65, .	1.0	165
30	Conditional production of superpositions of coherent states with inefficient photon detection. Physical Review A, 2004, 70, .	1.0	162
31	Generation of hybrid entanglement of light. Nature Photonics, 2014, 8, 564-569.	15.6	156
32	Continuous Variable Entanglement Swapping. Physical Review Letters, 1999, 83, 2095-2099.	2.9	143
33	Schrödinger cats and their power for quantum information processing. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, S828-S833.	1.4	139
34	Loss-Tolerant Optical Qubits. Physical Review Letters, 2005, 95, 100501.	2.9	139
35	Experimental demonstration of Gaussian protocols for one-sided device-independent quantum key distribution. Optica, 2016, 3, 634.	4.8	136
36	Heralded noiseless amplification of a photon polarization qubit. Nature Physics, 2013, 9, 23-28.	6.5	117

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37	Measuring a Photonic Qubit without Destroying It. <i>Physical Review Letters</i> , 2004, 92, 190402.	2.9	114
38	Quantum sampling problems, BosonSampling and quantum supremacy. <i>Npj Quantum Information</i> , 2017, 3, .	2.8	114
39	Nondeterministic Noiseless Linear Amplification of Quantum Systems. , 2009, , .		113
40	Quantum Cryptography Approaching the Classical Limit. <i>Physical Review Letters</i> , 2010, 105, 110501.	2.9	110
41	A quantum Fredkin gate. <i>Science Advances</i> , 2016, 2, e1501531.	4.7	110
42	Engineered optical nonlinearity for quantum light sources. <i>Optics Express</i> , 2011, 19, 55.	1.7	107
43	Continuous-variable quantum-state sharing via quantum disentanglement. <i>Physical Review A</i> , 2005, 71, .	1.0	102
44	Adding control to arbitrary unknown quantum operations. <i>Nature Communications</i> , 2011, 2, 413.	5.8	101
45	Security of continuous-variable quantum cryptography. <i>Physical Review A</i> , 2000, 62, .	1.0	96
46	Measurement-based noiseless linear amplification for quantum communication. <i>Nature Photonics</i> , 2014, 8, 333-338.	15.6	95
47	Optimization and transfer of vacuum squeezing from an optical parametric oscillator. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 1999, 1, 469-474.	1.4	94
48	Continuous-variable quantum key distribution using thermal states. <i>Physical Review A</i> , 2012, 86, .	1.0	93
49	Optimized generation of heralded Fock states using parametric down-conversion. <i>New Journal of Physics</i> , 2010, 12, 063001.	1.2	88
50	Entanglement between the Future and the Past in the Quantum Vacuum. <i>Physical Review Letters</i> , 2011, 106, 110404.	2.9	85
51	Spacetime effects on satellite-based quantum communications. <i>Physical Review D</i> , 2014, 90, .	1.6	85
52	Sufficient Conditions for Efficient Classical Simulation of Quantum Optics. <i>Physical Review X</i> , 2016, 6, .	2.8	85
53	Experimental characterization of continuous-variable entanglement. <i>Physical Review A</i> , 2004, 69, .	1.0	83
54	Quantum error correction of continuous-variable states against Gaussian noise. <i>Physical Review A</i> , 2011, 84, .	1.0	83

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55	Quantum nondemolition measurements for quantum information. <i>Physical Review A</i> , 2006, 73, .	1.0	82
56	Adaptive Optical Phase Estimation Using Time-Symmetric Quantum Smoothing. <i>Physical Review Letters</i> , 2010, 104, 093601.	2.9	81
57	Direct characterization of linear-optical networks. <i>Optics Express</i> , 2013, 21, 13450.	1.7	80
58	Undoing the effect of loss on quantum entanglement. <i>Nature Photonics</i> , 2015, 9, 764-768.	15.6	79
59	High-fidelity operation of quantum photonic circuits. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	74
60	Generation of macroscopic superposition states with small nonlinearity. <i>Physical Review A</i> , 2004, 70, .	1.0	72
61	General relativistic effects in quantum interference of photons. <i>Classical and Quantum Gravity</i> , 2012, 29, 224010.	1.5	69
62	Production of superpositions of coherent states in traveling optical fields with inefficient photon detection. <i>Physical Review A</i> , 2005, 72, .	1.0	65
63	Violation of Bell's inequality using classical measurements and nonlinear local operations. <i>Physical Review A</i> , 2007, 75, .	1.0	65
64	Optimal photons for quantum-information processing. <i>Physical Review A</i> , 2005, 72, .	1.0	64
65	Error tolerance of the boson-sampling model for linear optics quantum computing. <i>Physical Review A</i> , 2012, 85, .	1.0	64
66	Arbitrarily Large Continuous-Variable Cluster States from a Single Quantum Nondemolition Gate. <i>Physical Review Letters</i> , 2010, 104, 250503.	2.9	63
67	Security of continuous-variable quantum cryptography with Gaussian postselection. <i>Physical Review A</i> , 2013, 87, .	1.0	62
68	What Can Quantum Optics Say about Computational Complexity Theory?. <i>Physical Review Letters</i> , 2015, 114, 060501.	2.9	62
69	Quantum repeaters using continuous-variable teleportation. <i>Physical Review A</i> , 2017, 95, .	1.0	61
70	Intensity-noise properties of injection-locked lasers. <i>Physical Review A</i> , 1996, 54, 4370-4382.	1.0	59
71	Quantum connectivity of space-time and gravitationally induced decorrelation of entanglement. <i>Physical Review A</i> , 2009, 79, .	1.0	59
72	Extraction of timelike entanglement from the quantum vacuum. <i>Physical Review A</i> , 2012, 85, .	1.0	59

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73	Noiseless Signal Amplification using Positive Electro-Optic Feedforward. <i>Physical Review Letters</i> , 1997, 79, 1471-1474.	2.9	58
74	Failure of Local Realism Revealed by Extremely-Coarse-Grained Measurements. <i>Physical Review Letters</i> , 2009, 102, 060403.	2.9	58
75	Measuring Photon Antibunching from Continuous Variable Sideband Squeezing. <i>Physical Review Letters</i> , 2007, 98, 153603.	2.9	56
76	Quantum estimation of the Schwarzschild spacetime parameters of the Earth. <i>Physical Review D</i> , 2014, 90, .	1.6	53
77	Squeezed light from conventionally pumped multilevel lasers. <i>Optics Letters</i> , 1991, 16, 1113.	1.7	52
78	Squeezed light from a coherently pumped four-level laser. <i>Physical Review A</i> , 1991, 44, 7809-7814.	1.0	52
79	Transmission of optical coherent-state qubits. <i>Physical Review A</i> , 2004, 70, .	1.0	52
80	Methods for a linear optical quantum Fredkin gate. <i>Physical Review A</i> , 2008, 78, .	1.0	52
81	Entangling Moving Cavities in Noninertial Frames. <i>Physical Review Letters</i> , 2011, 106, 210502.	2.9	52
82	High-Fidelity Teleportation of Continuous-Variable Quantum States Using Delocalized Single Photons. <i>Physical Review Letters</i> , 2013, 111, 050504.	2.9	52
83	Optical Quantum Computation. <i>Progress in Optics</i> , 2010, , 209-269.	0.4	51
84	Demonstration of the spatial separation of the entangled quantum sidebands of an optical field. <i>Physical Review A</i> , 2005, 71, .	1.0	50
85	Photon Sorting, Efficient Bell Measurements, and a Deterministic Controlled- Z Gate Using a Passive Two-Level Nonlinearity. <i>Physical Review Letters</i> , 2015, 114, 173603.	2.9	48
86	Intensity noise of injection-locked lasers: Quantum theory using a linearized input-output method. <i>Physical Review A</i> , 1996, 54, 4359-4369.	1.0	47
87	Nondeterministic gates for photonic single-rail quantum logic. <i>Physical Review A</i> , 2002, 66, .	1.0	47
88	Transfer of Nonclassical Properties from a Microscopic Superposition to Macroscopic Thermal States in the High Temperature Limit. <i>Physical Review Letters</i> , 2006, 97, 100401.	2.9	47
89	Proposal for the Measurement of Bell-Type Correlations from Continuous Variables. <i>Physical Review Letters</i> , 2000, 85, 2035-2039.	2.9	46
90	Calculating unknown eigenvalues with a quantum algorithm. <i>Nature Photonics</i> , 2013, 7, 223-228.	15.6	45

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91	Coherent superposition states as quantum rulers. <i>Physical Review A</i> , 2002, 65, .	1.0	44
92	Relativistic quantum information. <i>Classical and Quantum Gravity</i> , 2012, 29, 220301.	1.5	44
93	Coherent-state quantum key distribution without random basis switching. <i>Physical Review A</i> , 2006, 73, .	1.0	42
94	Intensity-noise dependence of Nd:YAG lasers on their diode-laser pump source. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1997, 14, 2936.	0.9	41
95	All-optical quantum teleportation. <i>Optics Letters</i> , 1999, 24, 348.	1.7	41
96	Stokes-operator-squeezed continuous-variable polarization states. <i>Physical Review A</i> , 2003, 67, .	1.0	41
97	Modelling photo-detectors in quantum optics. <i>Journal of Modern Optics</i> , 2006, 53, 1589-1603.	0.6	41
98	Scheme for the generation of entangled solitons for quantum communication. <i>Journal of Modern Optics</i> , 1999, 46, 1927-1939.	0.6	40
99	Quantum optical systems for the implementation of quantum information processing. <i>Reports on Progress in Physics</i> , 2006, 69, 853-898.	8.1	40
100	Satellite testing of a gravitationally induced quantum decoherence model. <i>Science</i> , 2019, 366, 132-135.	6.0	40
101	Unconditional continuous-variable dense coding. <i>Physical Review A</i> , 2002, 66, .	1.0	39
102	Fundamental building block for all-optical scalable quantum networks. <i>Physical Review A</i> , 2019, 100, .	1.0	39
103	Mach-Zehnder interferometer and the teleporter. <i>Physical Review A</i> , 2000, 61, .	1.0	37
104	Components for optical qubits encoded in sideband modes. <i>Physical Review A</i> , 2004, 69, .	1.0	37
105	Frequency and temporal effects in linear optical quantum computing. <i>Physical Review A</i> , 2005, 71, .	1.0	37
106	A bright future for quantum communications. <i>Nature Photonics</i> , 2009, 3, 671-673.	15.6	36
107	Space QUEST mission proposal: experimentally testing decoherence due to gravity. <i>New Journal of Physics</i> , 2018, 20, 063016.	1.2	36
108	Quantum communication with an accelerated partner. <i>Physical Review A</i> , 2013, 87, .	1.0	35

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109	Experimental simulation of closed timelike curves. <i>Nature Communications</i> , 2014, 5, 4145.	5.8	35
110	Optimal architecture for a nondeterministic noiseless linear amplifier. <i>Physical Review A</i> , 2014, 89, .	1.0	34
111	Surpassing the no-cloning limit with a heralded hybrid linear amplifier for coherent states. <i>Nature Communications</i> , 2016, 7, 13222.	5.8	34
112	Experimental demonstration of post-selection-based continuous-variable quantum key distribution in the presence of Gaussian noise. <i>Physical Review A</i> , 2007, 76, .	1.0	33
113	Suppression of classic and quantum radiation pressure noise by electro-optic feedback. <i>Optics Letters</i> , 1999, 24, 259.	1.7	32
114	Characterizing teleportation in optics. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 1999, 1, 483-489.	1.4	31
115	Quantifying entanglement in two-mode Gaussian states. <i>Physical Review A</i> , 2017, 96, .	1.0	31
116	Squeezed light from second-harmonic generation: experiment versus theory. <i>Optics Letters</i> , 1995, 20, 1316.	1.7	30
117	Information flow of quantum states interacting with closed timelike curves. <i>Physical Review A</i> , 2010, 82, .	1.0	30
118	Nearly Deterministic Bell Measurement for Multiphoton Qubits and its Application to Quantum Information Processing. <i>Physical Review Letters</i> , 2015, 114, 113603.	2.9	30
119	Unity gain and nonunity gain quantum teleportation. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2003, 9, 1519-1532.	1.9	29
120	Quantum-state engineering with continuous-variable postselection. <i>Physical Review A</i> , 2006, 73, .	1.0	29
121	Continuous-variable entanglement distillation over a general lossy channel. <i>Physical Review A</i> , 2009, 80, .	1.0	29
122	Boson sampling on a chip. <i>Nature Photonics</i> , 2013, 7, 514-515.	15.6	29
123	Experimental test of photonic entanglement in accelerated reference frames. <i>Nature Communications</i> , 2017, 8, 15304.	5.8	29
124	Quantum computation based on linear optics. , 2002, 4917, 1.		28
125	Configurable Unitary Transformations and Linear Logic Gates Using Quantum Memories. <i>Physical Review Letters</i> , 2014, 113, 063601.	2.9	28
126	Optimal cloning for finite distributions of coherent states. <i>Physical Review A</i> , 2004, 69, .	1.0	27

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127	Utilizing encoding in scalable linear optics quantum computing. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2004, 6, 533-541.	1.4	27
128	Adaptive phase measurements in linear optical quantum computation. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2005, 7, S245-S249.	1.4	26
129	Quantum-gate characterization in an extended Hilbert space. <i>Physical Review A</i> , 2005, 72, .	1.0	26
130	Quantum repeater for continuous-variable entanglement distribution. <i>Physical Review A</i> , 2020, 102, .	1.0	26
131	Squeezing more from a quantum nondemolition measurement. <i>Physical Review A</i> , 2001, 65, .	1.0	25
132	Quantum superpositions and entanglement of thermal states at high temperatures and their applications to quantum-information processing. <i>Physical Review A</i> , 2007, 76, .	1.0	25
133	Relativistic quantum information and time machines. <i>Contemporary Physics</i> , 2012, 53, 1-16.	0.8	25
134	Quantum correlations and global coherence in distributed quantum computing. <i>Physical Review A</i> , 2019, 99, .	1.0	25
135	Generalized quantum scissors for noiseless linear amplification. <i>Physical Review A</i> , 2020, 102, .	1.0	25
136	Separating the quantum sidebands of an optical field. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2002, 4, 123-128.	1.4	24
137	Experimental requirements for Grover's algorithm in optical quantum computation. <i>Physical Review A</i> , 2003, 68, .	1.0	24
138	Fair-sampling assumption is not necessary for testing local realism. <i>Physical Review A</i> , 2010, 81, .	1.0	24
139	Ultrafine Entanglement Witnessing. <i>Physical Review Letters</i> , 2017, 118, 110502.	2.9	24
140	Quantum Correlations in Nonlocal Boson Sampling. <i>Physical Review Letters</i> , 2017, 119, 120502.	2.9	24
141	Feedback control of laser intensity noise. <i>Physical Review A</i> , 1998, 57, 1286-1294.	1.0	23
142	Conditional quantum-state engineering using ancillary squeezed-vacuum states. <i>Physical Review A</i> , 2006, 74, .	1.0	23
143	Efficient parity-encoded optical quantum computing. <i>Physical Review A</i> , 2007, 75, .	1.0	23
144	Nondeterministic noiseless amplification via non-symplectic phase space transformations. <i>New Journal of Physics</i> , 2013, 15, 073014.	1.2	23

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145	Entanglement decoherence in a gravitational well according to the event formalism. <i>New Journal of Physics</i> , 2014, 16, 085008.	1.2	23
146	Measurement-based method for verifying quantum discord. <i>Physical Review A</i> , 2013, 87, .	1.0	22
147	Quantum-state cloning in the presence of a closed timelike curve. <i>Physical Review A</i> , 2013, 88, .	1.0	22
148	Violation of Bell's Inequality Using Continuous Variable Measurements. <i>Physical Review Letters</i> , 2018, 120, 040406.	2.9	22
149	High-fidelity Z-measurement error encoding of optical qubits. <i>Physical Review A</i> , 2005, 71, .	1.0	21
150	Can the fluctuations of the quantum vacuum solve the cosmological constant problem?. <i>Physical Review D</i> , 2018, 98, .	1.6	21
151	Error models for mode mismatch in linear optics quantum computing. <i>Physical Review A</i> , 2006, 73, .	1.0	20
152	Fault tolerance in parity-state linear optical quantum computing. <i>Physical Review A</i> , 2010, 82, .	1.0	20
153	Exact boson sampling using Gaussian continuous-variable measurements. <i>Physical Review A</i> , 2017, 96, .	1.0	20
154	Measurement-Device-Independent Approach to Entanglement Measures. <i>Physical Review Letters</i> , 2017, 118, 150505.	2.9	20
155	Coherent analysis of quantum optical sideband modes. <i>Optics Letters</i> , 2005, 30, 2481.	1.7	19
156	Quantum memory scheme based on optical fibers and cavities. <i>Physical Review A</i> , 2006, 74, .	1.0	19
157	Open Timelike Curves Violate Heisenberg's Uncertainty Principle. <i>Physical Review Letters</i> , 2013, 110, 060501.	2.9	19
158	Simulation of Gaussian channels via teleportation and error correction of Gaussian states. <i>Physical Review A</i> , 2018, 98, .	1.0	19
159	Scaling of multiple postselected quantum gates in optics. <i>Physical Review A</i> , 2004, 70, .	1.0	18
160	Multiplexed communication over a high-speed quantum channel. <i>Physical Review A</i> , 2010, 81, .	1.0	18
161	Coherent state topological cluster state production. <i>New Journal of Physics</i> , 2011, 13, 115015.	1.2	18
162	Generation of a Cat State in an Optical Sideband. <i>Physical Review Letters</i> , 2018, 121, 143602.	2.9	18

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163	Squeezed light in a frontal-phase-modulated signal-recycled interferometer. <i>Physical Review A</i> , 1998, 57, 3898-3912.	1.0	17
164	Entanglement dynamics and quasi-periodicity in discrete quantum walks. <i>Journal of Modern Optics</i> , 2012, 59, 710-720.	0.6	17
165	Homodyne measurement of the average photon number. <i>Physical Review A</i> , 2006, 73, .	1.0	16
166	Observation of a comb of optical squeezing over many gigahertz of bandwidth. <i>Optics Express</i> , 2007, 15, 5310.	1.7	16
167	Quantum cloning of continuous-variable entangled states. <i>Physical Review A</i> , 2008, 77, .	1.0	16
168	Single-photon side bands. <i>Physical Review A</i> , 2008, 77, .	1.0	16
169	Entanglement-free certification of entangling gates. <i>Physical Review A</i> , 2014, 89, .	1.0	16
170	Quantum error correction of continuous-variable states with realistic resources. <i>Physical Review A</i> , 2018, 97, .	1.0	16
171	Composable finite-size effects in free-space continuous-variable quantum-key-distribution systems. <i>Physical Review A</i> , 2021, 103, .	1.0	16
172	Active versus passive squeezing by second-harmonic generation. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1996, 13, 1337.	0.9	15
173	Photon number projection using non-number-resolving detectors. <i>New Journal of Physics</i> , 2007, 9, 233-233.	1.2	15
174	Unitary solution to a quantum gravity information paradox. <i>Physical Review A</i> , 2007, 76, .	1.0	15
175	Feedback control of the intensity noise of injection locked lasers. <i>Optics Communications</i> , 1998, 145, 359-366.	1.0	14
176	Comparison of linear optics quantum-computation control-sign gates with ancilla inefficiency and an improvement to functionality under these conditions. <i>Physical Review A</i> , 2003, 68, .	1.0	14
177	Teleportation of continuous-variable polarization states. <i>Physical Review A</i> , 2003, 68, .	1.0	14
178	Continuous variable polarization entanglement, experiment and analysis. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2003, 5, S467-S478.	1.4	14
179	Generation of a frequency comb of squeezing in an optical parametric oscillator. <i>Physical Review A</i> , 2006, 73, .	1.0	14
180	Improving the fidelity of optical Zeno gates via distillation. <i>Physical Review A</i> , 2006, 74, .	1.0	14

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181	Optical zero gate: bounds for fault tolerant operation. <i>New Journal of Physics</i> , 2007, 9, 224-224.	1.2	14
182	Quantum enhancement of signal-to-noise ratio with a heralded linear amplifier. <i>Optica</i> , 2017, 4, 1421.	4.8	14
183	Error tolerance and tradeoffs in loss- and failure-tolerant quantum computing schemes. <i>Physical Review A</i> , 2007, 75, .	1.0	13
184	Continuous improvement. <i>Nature Photonics</i> , 2013, 7, 350-352.	15.6	13
185	Theoretical analysis of an ideal noiseless linear amplifier for Einsteinâ€“Podolskyâ€“Rosen entanglement distillation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 215503.	0.6	13
186	Experimental verification of quantum discord in continuous-variable states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 025503.	0.6	13
187	Quantum communication in the presence of a horizon. <i>Physical Review D</i> , 2014, 90, .	1.6	13
188	Replicating the benefits of Deutschian closed timelike curves without breaking causality. <i>Npj Quantum Information</i> , 2015, 1, .	2.8	13
189	Reversible time travel with freedom of choice. <i>Classical and Quantum Gravity</i> , 2019, 36, 224002.	1.5	13
190	Quantifying entanglement of formation for two-mode Gaussian states: Analytical expressions for upper and lower bounds and numerical estimation of its exact value. <i>Physical Review A</i> , 2019, 99, .	1.0	13
191	Biased EPR entanglement and its application to teleportation. , 0, .		13
192	Ideal Quantum Teleamplification up to a Selected Energy Cutoff Using Linear Optics. <i>Physical Review Letters</i> , 2022, 128, 160501.	2.9	13
193	Experimental test of modular noise propagation theory for quantum optics. <i>Physical Review A</i> , 1996, 54, 3400-3404.	1.0	12
194	Enhancement of quantum nondemolition measurements with an electro-optic feed-forward amplifier. <i>Physical Review A</i> , 1999, 60, 4943-4950.	1.0	12
195	Understanding and controlling laser intensity noise. <i>Optical and Quantum Electronics</i> , 1999, 31, 583-598.	1.5	12
196	Violations of Bellâ€™s inequality for Gaussian states with homodyne detection and nonlinear interactions. <i>Physical Review A</i> , 2009, 79, .	1.0	12
197	Detecting the degree of macroscopic quantumness using an overlap measurement. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 3057.	0.9	12
198	Quantum key distribution without sending a quantum signal. <i>New Journal of Physics</i> , 2015, 17, 063008.	1.2	12

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199	Channel purification via continuous-variable quantum teleportation with Gaussian postselection. <i>Physical Review A</i> , 2016, 93, .	1.0	12
200	Estimating spacetime parameters with a quantum probe in a lossy environment. <i>Physical Review D</i> , 2016, 93, .	1.6	12
201	Realizing a rapidly switched Unruh-DeWitt detector through electro-optic sampling of the electromagnetic vacuum. <i>Physical Review D</i> , 2022, 105, .	1.6	12
202	Numerical modeling of evanescent-wave atom optics. <i>Physical Review A</i> , 1995, 52, 4741-4746.	1.0	11
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