

Ping Koy Lam

List of Publications by Year in descending order

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256
papers

15,315
citations

15504

65
h-index

19190

118
g-index

259
all docs

259
docs citations

259
times ranked

8477
citing authors

#	ARTICLE	IF	CITATIONS
1	LIGO: the Laser Interferometer Gravitational-Wave Observatory. Reports on Progress in Physics, 2009, 72, 076901.	20.1	971
2	Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. Nature Photonics, 2013, 7, 613-619.	31.4	825
3	A gravitational wave observatory operating beyond the quantum shot-noise limit. Nature Physics, 2011, 7, 962-965.	16.7	716
4	<i>Colloquium</i>: The Einstein-Podolsky-Rosen paradox: From concepts to applications. Reviews of Modern Physics, 2009, 81, 1727-1751.	45.6	518
5	Tripartite Quantum State Sharing. Physical Review Letters, 2004, 92, 177903.	7.8	458
6	Quantum Cryptography Without Switching. Physical Review Letters, 2004, 93, 170504.	7.8	381
7	An upper limit on the stochastic gravitational-wave background of cosmological origin. Nature, 2009, 460, 990-994.	27.8	303
8	Experimental investigation of continuous-variable quantum teleportation. Physical Review A, 2003, 67, .	2.5	280
9	A Quantum Laser Pointer. Science, 2003, 301, 940-943.	12.6	263
10	Quantum metrology for gravitational wave astronomy. Nature Communications, 2010, 1, 121.	12.8	258
11	High efficiency coherent optical memory with warm rubidium vapour. Nature Communications, 2011, 2, 174.	12.8	253
12	Multipartite Einstein-Podolsky-Rosen steering and genuine tripartite entanglement with optical networks. Nature Physics, 2015, 11, 167-172.	16.7	249
13	Experimental Investigation of Criteria for Continuous Variable Entanglement. Physical Review Letters, 2003, 90, 043601.	7.8	208
14	Observing the operational significance of discord consumption. Nature Physics, 2012, 8, 671-675.	16.7	201
15	No-Switching Quantum Key Distribution Using Broadband Modulated Coherent Light. Physical Review Letters, 2005, 95, 180503.	7.8	195
16	Surpassing the Standard Quantum Limit for Optical Imaging Using Nonclassical Multimode Light. Physical Review Letters, 2002, 88, 203601.	7.8	190
17	Quantum entanglement of angular momentum states with quantum numbers up to 10,010. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13642-13647.	7.1	190
18	Search for gravitational waves from low mass compact binary coalescence in LIGO's sixth science run and Virgo's science runs 2 and 3. Physical Review D, 2012, 85, .	4.7	185

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19	Experimental Demonstration of a Squeezing-Enhanced Power-Recycled Michelson Interferometer for Gravitational Wave Detection. <i>Physical Review Letters</i> , 2002, 88, 231102.	7.8	181
20	Electro-Optic Quantum Memory for Light Using Two-Level Atoms. <i>Physical Review Letters</i> , 2008, 100, 023601.	7.8	172
21	Squeezing in the Audio Gravitational-Wave Detection Band. <i>Physical Review Letters</i> , 2004, 93, 161105.	7.8	171
22	Experimental Demonstration of Continuous Variable Polarization Entanglement. <i>Physical Review Letters</i> , 2002, 89, 253601.	7.8	164
23	Real time demonstration of high bitrate quantum random number generation with coherent laser light. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	161
24	Coherent optical pulse sequencer for quantum applications. <i>Nature</i> , 2009, 461, 241-245.	27.8	160
25	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. <i>Astrophysical Journal</i> , 2010, 713, 671-685.	4.5	155
26	Unconditional room-temperature quantum memory. <i>Nature Physics</i> , 2011, 7, 794-798.	16.7	144
27	Experimental demonstration of Gaussian protocols for one-sided device-independent quantum key distribution. <i>Optica</i> , 2016, 3, 634.	9.3	136
28	Highly efficient optical quantum memory with long coherence time in cold atoms. <i>Optica</i> , 2016, 3, 100.	9.3	133
29	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. <i>Physical Review D</i> , 2013, 88, .	4.7	132
30	Programmable multimode quantum networks. <i>Nature Communications</i> , 2012, 3, 1026.	12.8	130
31	Searches for periodic gravitational waves from unknown isolated sources and Scorpius X-1: Results from the second LIGO science run. <i>Physical Review D</i> , 2007, 76, .	4.7	128
32	Observation of a kilogram-scale oscillator near its quantum ground state. <i>New Journal of Physics</i> , 2009, 11, 073032.	2.9	123
33	Upper limits on gravitational wave emission from 78 radio pulsars. <i>Physical Review D</i> , 2007, 76, .	4.7	121
34	Search for gravitational waves from low mass binary coalescences in the first year of LIGO's S5 data. <i>Physical Review D</i> , 2009, 79, .	4.7	120
35	Balanced homodyne detection of optical quantum states at audio-band frequencies and below. <i>Classical and Quantum Gravity</i> , 2012, 29, 145015.	4.0	108
36	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. <i>Physical Review D</i> , 2010, 81, .	4.7	107

#	ARTICLE	IF	CITATIONS
37	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. <i>Physical Review D</i> , 2012, 85, .	4.7	107
38	Search for gravitational waves from low mass compact binary coalescence in 186 days of LIGO's fifth science run. <i>Physical Review D</i> , 2009, 80, .	4.7	105
39	Polarization Squeezing of Continuous Variable Stokes Parameters. <i>Physical Review Letters</i> , 2002, 88, 093601.	7.8	104
40	SEARCH FOR GRAVITATIONAL WAVES ASSOCIATED WITH GAMMA-RAY BURSTS DURING LIGO SCIENCE RUN 6 AND VIRGO SCIENCE RUNS 2 AND 3. <i>Astrophysical Journal</i> , 2012, 760, 12.	4.5	104
41	Continuous-variable quantum-state sharing via quantum disentanglement. <i>Physical Review A</i> , 2005, 71, .	2.5	102
42	Fabrication and Deterministic Transfer of High-Quality Quantum Emitters in Hexagonal Boron Nitride. <i>ACS Photonics</i> , 2018, 5, 2305-2312.	6.6	100
43	Measurement-based noiseless linear amplification for quantum communication. <i>Nature Photonics</i> , 2014, 8, 333-338.	31.4	95
44	Photon echoes generated by reversing magnetic field gradients in a rubidium vapor. <i>Optics Letters</i> , 2008, 33, 2323.	3.3	94
45	Integrated photonic platform for quantum information with continuous variables. <i>Science Advances</i> , 2018, 4, eaat9331.	10.3	93
46	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009-2010. <i>Physical Review D</i> , 2013, 87, .	4.7	92
47	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. <i>Physical Review D</i> , 2013, 87, .	4.7	91
48	Radiation tolerance of two-dimensional material-based devices for space applications. <i>Nature Communications</i> , 2019, 10, 1202.	12.8	91
49	Upper limit map of a background of gravitational waves. <i>Physical Review D</i> , 2007, 76, .	4.7	90
50	SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. <i>Astrophysical Journal</i> , 2010, 715, 1453-1461.	4.5	90
51	Tools for Multimode Quantum Information: Modulation, Detection, and Spatial Quantum Correlations. <i>Physical Review Letters</i> , 2007, 98, 083602.	7.8	89
52	Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012, 539, A124.	5.1	84
53	Experimental characterization of continuous-variable entanglement. <i>Physical Review A</i> , 2004, 69, .	2.5	83
54	Einstein@Home search for periodic gravitational waves in LIGO S4 data. <i>Physical Review D</i> , 2009, 79, .	4.7	83

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55	Compact Cavity-Enhanced Single-Photon Generation with Hexagonal Boron Nitride. ACS Photonics, 2019, 6, 1955-1962.	6.6	83
56	Experimental investigation of the transition between Autler-Townes splitting and electromagnetically-induced-transparency models. Physical Review A, 2013, 87, .	2.5	82
57	Entangling the Spatial Properties of Laser Beams. Science, 2008, 321, 541-543.	12.6	81
58	Search for gravitational-wave bursts in the first year of the fifth LIGO science run. Physical Review D, 2009, 80, .	4.7	79
59	Search for gravitational-wave bursts in LIGO data from the fourth science run. Classical and Quantum Gravity, 2007, 24, 5343-5369.	4.0	78
60	Einstein@Home search for periodic gravitational waves in early S5 LIGO data. Physical Review D, 2009, 80, .	4.7	78
61	Maximization of Extractable Randomness in a Quantum Random-Number Generator. Physical Review Applied, 2015, 3, .	3.8	78
62	First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. Astronomy and Astrophysics, 2012, 541, A155.	5.1	75
63	The characterization of Virgo data and its impact on gravitational-wave searches. Classical and Quantum Gravity, 2012, 29, 155002.	4.0	73
64	Search for Gravitational-Wave Bursts from Soft Gamma Repeaters. Physical Review Letters, 2008, 101, 211102.	7.8	69
65	Quantum noise locking. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, S421-S428.	1.4	68
66	All-sky search for periodic gravitational waves in the full S5 LIGO data. Physical Review D, 2012, 85, .	4.7	66
67	Generation of high-order optical vortices using directly machined spiral phase mirrors. Applied Optics, 2012, 51, 873.	1.8	65
68	Squeezing and entanglement delay using slow light. Physical Review A, 2005, 71, .	2.5	64
69	Multimodal Properties and Dynamics of Gradient Echo Quantum Memory. Physical Review Letters, 2008, 101, 203601.	7.8	62
70	SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. Astrophysical Journal, Supplement Series, 2012, 203, 28.	7.7	62
71	Security of continuous-variable quantum cryptography with Gaussian postselection. Physical Review A, 2013, 87, .	2.5	62
72	Squeezed quadrature fluctuations in a gravitational wave detector using squeezed light. Optics Express, 2013, 21, 19047.	3.4	61

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73	Squeezed light for bandwidth-limited atom optics experiments at the rubidium D1 line. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 221-226.	1.5	60
74	Optical entanglement of co-propagating modes. Nature Photonics, 2009, 3, 399-402.	31.4	60
75	SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1. Astrophysical Journal, 2010, 715, 1438-1452.	4.5	60
76	Optimal optical measurement of small displacements. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, 495-501.	1.4	59
77	Quantum Study of Information Delay in Electromagnetically Induced Transparency. Physical Review Letters, 2006, 97, 183601.	7.8	59
78	Generation and interferometric analysis of high charge optical vortices. Journal of Optics (United Kingdom), 2009, 12, 022202.	2.2	59
79	Multiparameter optimisation of a magneto-optical trap using deep learning. Nature Communications, 2018, 9, 4360.	12.8	58
80	Measuring Photon Antibunching from Continuous Variable Sideband Squeezing. Physical Review Letters, 2007, 98, 153603.	7.8	56
81	Search for gravitational waves associated with the August 2006 timing glitch of the Vela pulsar. Physical Review D, 2011, 83, .	4.7	54
82	Spatial-mode storage in a gradient-echo memory. Physical Review A, 2012, 86, .	2.5	53
83	Search for gravitational wave radiation associated with the pulsating tail of the SGR 1806-20 hyperflare of 27 December 2004 using LIGO. Physical Review D, 2007, 76, .	4.7	51
84	Gradient echo memory in an ultra-high optical depth cold atomic ensemble. New Journal of Physics, 2013, 15, 085027.	2.9	49
85	Search for gravitational waves from intermediate mass binary black holes. Physical Review D, 2012, 85, .	4.7	48
86	Continuous variable (2, 3) threshold quantum secret sharing schemes. New Journal of Physics, 2003, 5, 4-4.	2.9	46
87	Harmonic Entanglement with Second-Order Nonlinearity. Physical Review Letters, 2006, 96, 063601.	7.8	46
88	Backscatter tolerant squeezed light source for advanced gravitational-wave detectors. Optics Letters, 2011, 36, 4680.	3.3	46
89	Atomic localization of quantum emitters in multilayer hexagonal boron nitride. Nanoscale, 2019, 11, 14362-14371.	5.6	46
90	First LIGO search for gravitational wave bursts from cosmic (super)strings. Physical Review D, 2009, 80, .	4.7	45

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91	STACKED SEARCH FOR GRAVITATIONAL WAVES FROM THE 2006 SGR 1900+14 STORM. <i>Astrophysical Journal</i> , 2009, 701, L68-L74.	4.5	45
92	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600–1000 Hz. <i>Physical Review D</i> , 2012, 85, .	4.7	43
93	Coherent-state quantum key distribution without random basis switching. <i>Physical Review A</i> , 2006, 73, .	2.5	42
94	Stokes-operator-squeezed continuous-variable polarization states. <i>Physical Review A</i> , 2003, 67, .	2.5	41
95	TEM10 homodyne detection as an optimal small-displacement and tilt-measurement scheme. <i>Physical Review A</i> , 2006, 74, .	2.5	40
96	Scattering-Free Optical Levitation of a Cavity Mirror. <i>Physical Review Letters</i> , 2013, 111, 183001.	7.8	39
97	Search for gravitational wave ringdowns from perturbed black holes in LIGO S4 data. <i>Physical Review D</i> , 2009, 80, .	4.7	38
98	Observation of Entanglement between Two Light Beams Spanning an Octave in Optical Frequency. <i>Physical Review Letters</i> , 2008, 100, 243601.	7.8	37
99	Room temperature single photon source using fiber-integrated hexagonal boron nitride. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 295101.	2.8	37
100	A bright future for quantum communications. <i>Nature Photonics</i> , 2009, 3, 671-673.	31.4	36
101	Optomechanical Magnetometry with a Macroscopic Resonator. <i>Physical Review Applied</i> , 2016, 5, .	3.8	36
102	First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds. <i>Physical Review D</i> , 2007, 76, .	4.7	35
103	Electromagnetically induced transparency and four-wave mixing in a cold atomic ensemble with large optical depth. <i>New Journal of Physics</i> , 2014, 16, 113053.	2.9	34
104	Surpassing the no-cloning limit with a heralded hybrid linear amplifier for coherent states. <i>Nature Communications</i> , 2016, 7, 13222.	12.8	34
105	Experimental demonstration of post-selection-based continuous-variable quantum key distribution in the presence of Gaussian noise. <i>Physical Review A</i> , 2007, 76, .	2.5	33
106	Search for high frequency gravitational-wave bursts in the first calendar year of LIGO's fifth science run. <i>Physical Review D</i> , 2009, 80, .	4.7	32
107	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 008-008.	5.4	32
108	Search for Gravitational Waves Associated with γ -ray Bursts Detected by the Interplanetary Network. <i>Physical Review Letters</i> , 2014, 113, 011102.	7.8	32

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109	Supertransport of excitons in atomically thin organic semiconductors at the 2D quantum limit. <i>Light: Science and Applications</i> , 2020, 9, 116.	16.6	32
110	Quantum measurements of spatial conjugate variables: displacement and tilt of a Gaussian beam. <i>Optics Letters</i> , 2006, 31, 1537.	3.3	31
111	Storage and manipulation of light using a Raman gradient-echo process. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 124004.	1.5	30
112	Memory-enhanced noiseless cross-phase modulation. <i>Light: Science and Applications</i> , 2012, 1, e40-e40.	16.6	30
113	Unity gain and nonunity gain quantum teleportation. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2003, 9, 1519-1532.	2.9	29
114	Quantum-state engineering with continuous-variable postselection. <i>Physical Review A</i> , 2006, 73, .	2.5	29
115	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. <i>Physical Review D</i> , 2014, 90, .	4.7	29
116	Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO 600, LIGO, and Virgo detectors. <i>Physical Review D</i> , 2014, 89, .	4.7	29
117	Effect of atomic noise on optical squeezing via polarization self-rotation in a thermal vapor cell. <i>Physical Review A</i> , 2006, 73, .	2.5	28
118	Generation of Squeezing in Higher Order Hermite - Gaussian Modes with an Optical Parametric Amplifier. <i>Journal of the European Optical Society-Rapid Publications</i> , 2006, 1, .	1.9	28
119	ac Stark gradient echo memory in cold atoms. <i>Physical Review A</i> , 2010, 82, .	2.5	28
120	Configurable Unitary Transformations and Linear Logic Gates Using Quantum Memories. <i>Physical Review Letters</i> , 2014, 113, 063601.	7.8	28
121	Machine Learning Cryptanalysis of a Quantum Random Number Generator. <i>IEEE Transactions on Information Forensics and Security</i> , 2019, 14, 403-414.	6.9	28
122	Real-Time Source-Independent Quantum Random-Number Generator with Squeezed States. <i>Physical Review Applied</i> , 2019, 12, .	3.8	28
123	Ultimate precision of joint quadrature parameter estimation with a Gaussian probe. <i>Physical Review A</i> , 2018, 97, .	2.5	27
124	Precision spectral manipulation of optical pulses using a coherent photon echo memory. <i>Optics Letters</i> , 2010, 35, 1091.	3.3	26
125	Time- and frequency-domain polariton interference. <i>New Journal of Physics</i> , 2012, 14, 033022.	2.9	26
126	Nonlinear Entanglement and its Application to Generating Cat States. <i>Physical Review Letters</i> , 2015, 114, 100403.	7.8	26

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127	Squeezing more from a quantum nondemolition measurement. <i>Physical Review A</i> , 2001, 65, .	2.5	25
128	Laser Actuation of Cantilevers for Picometre Amplitude Dynamic Force Microscopy. <i>Scientific Reports</i> , 2014, 4, 5567.	3.3	25
129	Technical limitations to homodyne detection at audio frequencies. <i>Applied Optics</i> , 2007, 46, 3389.	2.1	24
130	Delay of squeezing and entanglement using electromagnetically induced transparency in a vapour cell. <i>Optics Express</i> , 2008, 16, 7369.	3.4	24
131	Photothermally induced transparency. <i>Science Advances</i> , 2020, 6, eaax8256.	10.3	24
132	Squeezed light at sideband frequencies below 100 kHz from a single OPA. <i>Optics Communications</i> , 2004, 240, 185-190.	2.1	23
133	Conditional quantum-state engineering using ancillary squeezed-vacuum states. <i>Physical Review A</i> , 2006, 74, .	2.5	23
134	Spatial-state Stokes-operator squeezing and entanglement for optical beams. <i>Physical Review A</i> , 2009, 79, .	2.5	23
135	Dynamical observations of self-stabilizing stationary light. <i>Nature Physics</i> , 2017, 13, 68-73.	16.7	23
136	Photothermal fluctuations as a fundamental limit to low-frequency squeezing in a degenerate optical parametric oscillator. <i>Physical Review A</i> , 2005, 72, .	2.5	22
137	First joint search for gravitational-wave bursts in LIGO and GEO 600 data. <i>Classical and Quantum Gravity</i> , 2008, 25, 245008.	4.0	22
138	Violation of Bell's Inequality Using Continuous Variable Measurements. <i>Physical Review Letters</i> , 2018, 120, 040406.	7.8	22
139	Single-Phonon Addition and Subtraction to a Mechanical Thermal State. <i>Physical Review Letters</i> , 2021, 126, 033601.	7.8	22
140	Squeezed state generation for interferometric gravitational-wave detection. <i>Classical and Quantum Gravity</i> , 2006, 23, S245-S250.	4.0	21
141	A scalable, self-analyzing digital locking system for use on quantum optics experiments. <i>Review of Scientific Instruments</i> , 2011, 82, 075113.	1.3	21
142	Impact of backscattered light in a squeezing-enhanced interferometric gravitational-wave detector. <i>Classical and Quantum Gravity</i> , 2014, 31, 035017.	4.0	21
143	Efficient computation of the Nagaoka's Hayashi bound for multiparameter estimation with separable measurements. <i>Npj Quantum Information</i> , 2021, 7, .	6.7	21
144	Continuous-variable spatial entanglement for bright optical beams. <i>Physical Review A</i> , 2005, 72, .	2.5	20

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145	A Quantum Study of Multibit Phase Coding for Optical Storage. IEEE Journal of Quantum Electronics, 2006, 42, 1001-1007.	1.9	19
146	A tight Cram�r� Rao bound for joint parameter estimation with a pure two-mode squeezed probe. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2598-2607.	2.1	19
147	Multimode laser cooling and ultra-high sensitivity force sensing with nanowires. Nature Communications, 2014, 5, 4663.	12.8	18
148	Overarching framework between Gaussian quantum discord and Gaussian quantum illumination. Physical Review A, 2017, 95, .	2.5	18
149	Characterization of a measurement-based noiseless linear amplifier and its applications. Physical Review A, 2017, 96, .	2.5	17
150	Space Qualification of Ultrafast Laser�Written Integrated Waveguide Optics. Laser and Photonics Reviews, 2021, 15, 2000167.	8.7	17
151	Quantum cloning of continuous-variable entangled states. Physical Review A, 2008, 77, .	2.5	16
152	An investigation of doubly-resonant optical parametric oscillators and nonlinear crystals for squeezing. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 015502.	1.5	16
153	Optimal probes for continuous-variable quantum illumination. Physical Review A, 2021, 103, .	2.5	16
154	Sensitive single-photon test of extended quantum theory with two-dimensional hexagonal boron nitride. Physical Review Research, 2021, 3, .	3.6	15
155	Complete atomic population inversion using correlated sidebands. Physical Review A, 1994, 50, 3500-3504.	2.5	14
156	Teleportation of continuous-variable polarization states. Physical Review A, 2003, 68, .	2.5	14
157	Continuous variable polarization entanglement, experiment and analysis. Journal of Optics B: Quantum and Semiclassical Optics, 2003, 5, S467-S478.	1.4	14
158	Quantum enhancement of signal-to-noise ratio with a heralded linear amplifier. Optica, 2017, 4, 1421.	9.3	14
159	Non-Gaussian Mechanical Motion via Single and Multiphonon Subtraction from a Thermal State. Physical Review Letters, 2021, 127, 243601.	7.8	14
160	Kerr noise reduction and squeezing. Journal of Optics B: Quantum and Semiclassical Optics, 2000, 2, 553-561.	1.4	13
161	Electro-optic modulator capable of generating simultaneous amplitude and phase modulations. Applied Optics, 2004, 43, 5079.	2.1	13
162	Precision Spectral Manipulation: A Demonstration Using a Coherent Optical Memory. Physical Review X, 2012, 2, .	8.9	13

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163	Quantum benchmarking with realistic states of light. <i>Physical Review A</i> , 2012, 86, .	2.5	13
164	Continuous improvement. <i>Nature Photonics</i> , 2013, 7, 350-352.	31.4	13
165	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.	1.5	13
166	Experimental verification of quantum discord in continuous-variable states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 025503.	1.5	13
167	Replicating the benefits of Deutschian closed timelike curves without breaking causality. <i>Npj Quantum Information</i> , 2015, 1, .	6.7	13
168	A high-fidelity heralded quantum squeezing gate. <i>Nature Photonics</i> , 2020, 14, 306-309.	31.4	13
169	Biased EPR entanglement and its application to teleportation. <i>Journal of Modern Optics</i> , 2003, 50, 801-813.	1.3	13
170	Experimental test of modular noise propagation theory for quantum optics. <i>Physical Review A</i> , 1996, 54, 3400-3404.	2.5	12
171	Enhancement of quantum nondemolition measurements with an electro-optic feed-forward amplifier. <i>Physical Review A</i> , 1999, 60, 4943-4950.	2.5	12
172	Accessible precisions for estimating two conjugate parameters using Gaussian probes. <i>Physical Review Research</i> , 2020, 2, .	3.6	10
173	Stationary Light in Atomic Media. <i>Advanced Quantum Technologies</i> , 2019, 2, 1800100.	3.9	9
174	Observation of nonlinear dynamics in an optical levitation system. <i>Communications Physics</i> , 2020, 3, .	5.3	9
175	Nonlinear phase matching locking via optical readout. <i>Optics Express</i> , 2006, 14, 11256.	3.4	8
176	Machine learner optimization of optical nanofiber-based dipole traps. <i>AVS Quantum Science</i> , 2022, 4, .	4.9	8
177	Squeezed light from a diamond-turned monolithic cavity. <i>Optics Express</i> , 2016, 24, 4042.	3.4	7
178	A mirrorless spinwave resonator. <i>Scientific Reports</i> , 2015, 5, 17633.	3.3	6
179	Direct imaging of slow, stored and stationary EIT polaritons. <i>Quantum Science and Technology</i> , 2017, 2, 034010.	5.8	6
180	Time-reversed and coherently enhanced memory: A single-mode quantum atom-optic memory without a cavity. <i>Physical Review A</i> , 2018, 98, .	2.5	6

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181	High-performance Raman memory with spatio-temporal reversal. Optics Express, 2018, 26, 12424.	3.4	6
182	Dynamics and stability of an optically levitated mirror. Physical Review A, 2020, 101, .	2.5	6
183	Demonstrating various quantum effects with two entangled laser beams. European Physical Journal D, 2011, 63, 457-461.	1.3	5
184	Photon-number discrimination without a photon counter and its application to reconstructing non-Gaussian states. Physical Review A, 2011, 84, .	2.5	5
185	Reconstruction of photon number conditioned states using phase randomized homodyne measurements. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 104009.	1.5	5
186	An ultra-high optical depth cold atomic ensemble for quantum memories. Journal of Physics: Conference Series, 2013, 467, 012009.	0.4	5
187	Asymmetric EPR entanglement in continuous variable systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 225502.	1.5	5
188	Measurement-based noiseless linear amplification for quantum communication. , 2014, , .		5
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190	Optical back-action on the photothermal relaxation rate. Optica, 2021, 8, 177.	9.3	5
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