

# Masahito Ueda

## List of Publications by Year in descending order

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273  
papers

19,042  
citations

13827

67  
h-index

12910

131  
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277  
all docs

277  
docs citations

277  
times ranked

7146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Squeezed spin states. <i>Physical Review A</i> , 1993, 47, 5138-5143.	1.0	1,324
2	Topological Phases of Non-Hermitian Systems. <i>Physical Review X</i> , 2018, 8, .	2.8	792
3	Experimental demonstration of information-to-energy conversion and validation of the generalized Jarzynski equality. <i>Nature Physics</i> , 2010, 6, 988-992.	6.5	714
4	Spinor Bose-Einstein condensates. <i>Physics Reports</i> , 2012, 520, 253-381.	10.3	706
5	Non-Hermitian physics. <i>Advances in Physics</i> , 2020, 69, 249-435.	35.9	695
6	Symmetry and Topology in Non-Hermitian Physics. <i>Physical Review X</i> , 2019, 9, .	2.8	683
7	Spinor Bose gases: Symmetries, magnetism, and quantum dynamics. <i>Reviews of Modern Physics</i> , 2013, 85, 1191-1244.	16.4	667
8	Generalized Jarzynski Equality under Nonequilibrium Feedback Control. <i>Physical Review Letters</i> , 2010, 104, 090602.	2.9	367
9	Dynamically Stabilized Bright Solitons in a Two-Dimensional Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2003, 90, 040403.	2.9	338
10	Second-Order Topological Phases in Non-Hermitian Systems. <i>Physical Review Letters</i> , 2019, 122, 076801.	2.9	332
11	Second Law of Thermodynamics with Discrete Quantum Feedback Control. <i>Physical Review Letters</i> , 2008, 100, 080403.	2.9	307
12	Minimal Energy Cost for Thermodynamic Information Processing: Measurement and Information Erasure. <i>Physical Review Letters</i> , 2009, 102, 250602.	2.9	302
13	Thermalization and prethermalization in isolated quantum systems: a theoretical overview. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 112001.	0.6	283
14	Vortex lattice formation in a rotating Bose-Einstein condensate. <i>Physical Review A</i> , 2002, 65, .	1.0	272
15	Fragmentation of Bose-Einstein condensates. <i>Physical Review A</i> , 2006, 74, .	1.0	244
16	Exact Eigenstates and Magnetic Response of Spin-1 and Spin-2 Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2000, 84, 1066-1069.	2.9	243
17	VORTICES IN MULTICOMPONENT BOSE-EINSTEIN CONDENSATES. <i>International Journal of Modern Physics B</i> , 2005, 19, 1835-1904.	1.0	217
18	Topological unification of time-reversal and particle-hole symmetries in non-Hermitian physics. <i>Nature Communications</i> , 2019, 10, 297.	5.8	206

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19	Parity-time-symmetric quantum critical phenomena. <i>Nature Communications</i> , 2017, 8, 15791.	5.8	205
20	Nonequilibrium thermodynamics of feedback control. <i>Physical Review E</i> , 2012, 85, 021104.	0.8	190
21	Fluctuation Theorem with Information Exchange: Role of Correlations in Stochastic Thermodynamics. <i>Physical Review Letters</i> , 2012, 109, 180602.	2.9	184
22	Vortex Phase Diagram in Rotating Two-Component Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2003, 91, 150406.	2.9	183
23	Quantum Szilard Engine. <i>Physical Review Letters</i> , 2011, 106, 070401.	2.9	176
24	Measurement of Universal Thermodynamic Functions for a Unitary Fermi Gas. <i>Science</i> , 2010, 327, 442-445.	6.0	172
25	Nonlinear dynamics of vortex lattice formation in a rotating Bose-Einstein condensate. <i>Physical Review A</i> , 2003, 67, .	1.0	171
26	Non-Hermitian Many-Body Localization. <i>Physical Review Letters</i> , 2019, 123, 090603.	2.9	166
27	Anomalous helical edge states in a non-Hermitian Chern insulator. <i>Physical Review B</i> , 2018, 98, .	1.1	156
28	Anomalous Josephson Effect between Even- and Odd-Frequency Superconductors. <i>Physical Review Letters</i> , 2007, 99, 037005.	2.9	154
29	Information Retrieval and Criticality in Parity-Time-Symmetric Systems. <i>Physical Review Letters</i> , 2017, 119, 190401.	2.9	151
30	Discrete Time-Crystalline Order in Cavity and Circuit QED Systems. <i>Physical Review Letters</i> , 2018, 120, 040404.	2.9	150
31	Theory of spin-2 Bose-Einstein condensates: Spin correlations, magnetic response, and excitation spectra. <i>Physical Review A</i> , 2002, 65, .	1.0	147
32	Theory of Non-Hermitian Fermionic Superfluidity with a Complex-Valued Interaction. <i>Physical Review Letters</i> , 2019, 123, 123601.	2.9	147
33	Giant hole and circular superflow in a fast rotating Bose-Einstein condensate. <i>Physical Review A</i> , 2002, 66, .	1.0	138
34	Macroscopic Quantum Tunneling of a Bose-Einstein Condensate with Attractive Interaction. <i>Physical Review Letters</i> , 1998, 80, 1576-1579.	2.9	137
35	Einsteinâ€œde Haas Effect in Dipolar Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2006, 96, 080405.	2.9	134
36	Parity-time-symmetric topological superconductor. <i>Physical Review B</i> , 2018, 98, .	1.1	132

#	ARTICLE	IF	CITATIONS
37	Vortex Molecules in Coherently Coupled Two-Component Bose-Einstein Condensates. Physical Review Letters, 2004, 93, 250406.	2.9	125
38	Quantum phase transition in one-dimensional Bose-Einstein condensates with attractive interactions. Physical Review A, 2003, 67, .	1.0	124
39	Knots in a Spinor Bose-Einstein Condensate. Physical Review Letters, 2008, 100, 180403.	2.9	124
40	Universal Work Fluctuations During Shortcuts to Adiabaticity by Counterdiabatic Driving. Physical Review Letters, 2017, 118, 100602.	2.9	115
41	Observation of Critical Phenomena in Parity-Time-Symmetric Quantum Dynamics. Physical Review Letters, 2019, 123, 230401.	2.9	115
42	Non-Hermitian Kondo Effect in Ultracold Alkaline-Earth Atoms. Physical Review Letters, 2018, 121, 203001.	2.9	109
43	Spin textures in rotating two-component Bose-Einstein condensates. Physical Review A, 2005, 71, .	1.0	108
44	Kibble-Zurek mechanism in a quenched ferromagnetic Bose-Einstein condensate. Physical Review A, 2007, 76, .	1.0	102
45	Density-Matrix Renormalization Group Study of Trapped Imbalanced Fermi Condensates. Physical Review Letters, 2008, 100, 110403.	2.9	102
46	Reversing Measurement and Probabilistic Quantum Error Correction. Physical Review Letters, 1999, 82, 2598-2601.	2.9	101
47	Measurement of an Efimov Trimer Binding Energy in a Three-Component Mixture of ${}^6\text{Li}$ . Physical Review Letters, 2011, 106, 143201.	2.9	101
48	Intermittent Implosion and Pattern Formation of Trapped Bose-Einstein Condensates with an Attractive Interaction. Physical Review Letters, 2001, 86, 1406-1409.	2.9	99
49	Atomic spin-orbit coupling synthesized with magnetic-field-gradient pulses. Physical Review A, 2013, 87, .	1.0	99
50	Nonlinear-interferometric generation of number-phase-correlated fermion states. Physical Review Letters, 1991, 67, 1852-1854.	2.9	95
51	Nonuniversal Efimov Atom-Dimer Resonances in a Three-Component Mixture of ${}^6\text{Li}$ . Physical Review Letters, 2010, 105, 023201.	2.9	93
52	Collisional Properties of $p$ -Wave Feshbach Molecules. Physical Review Letters, 2008, 101, 100401.	2.9	91
53	Collision Dynamics and Rung Formation of non-Abelian Vortices. Physical Review Letters, 2009, 103, 115301.	2.9	89
54	Quantum theory for continuous photodetection processes. Physical Review A, 1990, 41, 3891-3904.	1.0	88

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55	RELATIVISTIC EINSTEIN-PODOLSKY-ROSEN CORRELATION AND BELL'S INEQUALITY. International Journal of Quantum Information, 2003, 01, 93-114.	0.6	88
56	Reversibility in quantum measurement processes. Physical Review Letters, 1992, 68, 3424-3427.	2.9	80
57	Quantum critical behavior influenced by measurement backaction in ultracold gases. Physical Review A, 2016, 94, .	1.0	80
58	Spontaneous Circulation in Ground-State Spinor Dipolar Bose-Einstein Condensates. Physical Review Letters, 2006, 97, 130404.	2.9	78
59	Microscopic Origin and Universality Classes of the Efimov Three-Body Parameter. Physical Review Letters, 2014, 112, 105301.	2.9	78
60	Broken-axisymmetry phase of a spin-1 ferromagnetic Bose-Einstein condensate. Physical Review A, 2007, 75, .	1.0	76
61	Finite-size scaling analysis of the eigenstate thermalization hypothesis in a one-dimensional interacting Bose gas. Physical Review E, 2013, 87, 012125.	0.8	76
62	Topological defect formation in a quenched ferromagnetic Bose-Einstein condensates. Physical Review A, 2007, 75, .	1.0	72
63	Universality classes of non-Hermitian random matrices. Physical Review Research, 2020, 2, .	1.3	72
64	Ferrofluidity in a Two-Component Dipolar Bose-Einstein Condensate. Physical Review Letters, 2009, 102, 230403.	2.9	70
65	Quantum equilibration, thermalization and prethermalization in ultracold atoms. Nature Reviews Physics, 2020, 2, 669-681.	11.9	70
66	Optimal Measurement on Noisy Quantum Systems. Physical Review Letters, 2010, 104, 020401.	2.9	69
67	Continuous Phase Transition without Gap Closing in Non-Hermitian Quantum Many-Body Systems. Physical Review Letters, 2020, 125, 260601.	2.9	69
68	Mean-field analysis of collapsing and exploding Bose-Einstein condensates. Physical Review A, 2002, 65, .	1.0	68
69	Uncertainty relation revisited from quantum estimation theory. Physical Review A, 2011, 84, .	1.0	67
70	Role of mutual information in entropy production under information exchanges. New Journal of Physics, 2013, 15, 125012.	1.2	65
71	Physical origin of the universal three-body parameter in atomic Efimov physics. Physical Review A, 2014, 90, .	1.0	65
72	Liouvillian Skin Effect: Slowing Down of Relaxation Processes without Gap Closing. Physical Review Letters, 2021, 127, 070402.	2.9	64

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73	Einstein-Podolsky-Rosen correlation in a gravitational field. <i>Physical Review A</i> , 2004, 69, .	1.0	62
74	Thermodynamic work gain from entanglement. <i>Physical Review A</i> , 2013, 88, .	1.0	62
75	Spontaneous magnetization and structure formation in a spin-1 ferromagnetic Bose-Einstein condensate. <i>Physical Review A</i> , 2005, 72, .	1.0	61
76	Integer Quantum Hall State in Two-Component Bose Gases in a Synthetic Magnetic Field. <i>Physical Review Letters</i> , 2013, 111, 090401.	2.9	61
77	Thermodynamic Uncertainty Relation for Arbitrary Initial States. <i>Physical Review Letters</i> , 2020, 125, 140602.	2.9	61
78	Symmetry classification of spinor Bose-Einstein condensates. <i>Physical Review A</i> , 2011, 84, .	1.0	60
79	Emergent Electromagnetic Induction and Adiabatic Charge Pumping in Noncentrosymmetric Weyl Semimetals. <i>Physical Review Letters</i> , 2016, 117, 216601.	2.9	60
80	Can Spinor Dipolar Effects Be Observed in Bose-Einstein Condensates?. <i>Physical Review Letters</i> , 2007, 98, 110406.	2.9	57
81	Microscopic theory of the continuous measurement of photon number. <i>Physical Review A</i> , 1990, 41, 4127-4130.	1.0	56
82	Nonequilibrium equalities in absolutely irreversible processes. <i>Physical Review E</i> , 2014, 90, 042110.	0.8	56
83	Exact Liouvillian Spectrum of a One-Dimensional Dissipative Hubbard Model. <i>Physical Review Letters</i> , 2021, 126, 110404.	2.9	56
84	Topological Winding and Unwinding in Metastable Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2008, 100, 060401.	2.9	55
85	Symmetry Breaking and Enhanced Condensate Fraction in a Matter-Wave Bright Soliton. <i>Physical Review Letters</i> , 2005, 94, 090404.	2.9	54
86	Integral quantum fluctuation theorems under measurement and feedback control. <i>Physical Review E</i> , 2013, 88, 052121.	0.8	54
87	Universal High-Momentum Asymptote and Thermodynamic Relations in a Spinless Fermi Gas with a Resonant $p$ -Wave Interaction. <i>Physical Review Letters</i> , 2015, 115, 135303.	2.9	54
88	Full-Counting Many-Particle Dynamics: Nonlocal and Chiral Propagation of Correlations. <i>Physical Review Letters</i> , 2018, 120, 185301.	2.9	53
89	Continuous quantum-nondemolition measurement of photon number. <i>Physical Review A</i> , 1992, 46, 2859-2869.	1.0	51
90	Topological Entanglement-Spectrum Crossing in Quench Dynamics. <i>Physical Review Letters</i> , 2018, 121, 250601.	2.9	51

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91	Bogoliubov theory and Lee-Huang-Yang corrections in spin-1 and spin-2 Bose-Einstein condensates in the presence of the quadratic Zeeman effect. <i>Physical Review A</i> , 2010, 81, .	1.0	50
92	Breaking of Chiral Symmetry and Spontaneous Rotation in a Spinor Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2006, 96, 065302.	2.9	49
93	Magnetic Solitons in a Spin-1 Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2020, 125, 030402.	2.9	49
94	Quasi-Nambu-Goldstone Modes in Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2010, 105, 230406.	2.9	47
95	Zeno Hall Effect. <i>Physical Review Letters</i> , 2017, 118, 200401.	2.9	46
96	Split Instability of a Vortex in an Attractive Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2002, 89, 190402.	2.9	44
97	Stability of the quantized circulation of an attractive Bose-Einstein condensate in a rotating torus. <i>Physical Review A</i> , 2003, 68, .	1.0	44
98	Independent Control of Scattering Lengths in Multicomponent Quantum Gases. <i>Physical Review Letters</i> , 2009, 103, 133202.	2.9	44
99	Dynamical Sign Reversal of Magnetic Correlations in Dissipative Hubbard Models. <i>Physical Review Letters</i> , 2020, 124, 147203.	2.9	44
100	Eigenstate randomization hypothesis: Why does the long-time average equal the microcanonical average?. <i>Physical Review E</i> , 2011, 84, 021130.	0.8	43
101	Hydrodynamic description of spin-1 Bose-Einstein condensates. <i>Physical Review A</i> , 2012, 86, .	1.0	43
102	Logical reversibility in quantum measurement: General theory and specific examples. <i>Physical Review A</i> , 1996, 53, 3808-3817.	1.0	42
103	Spin-dependent inelastic collisions in spin-2 Bose-Einstein condensates. <i>Physical Review A</i> , 2009, 80, .	1.0	42
104	Excitation band topology and edge matter waves in Bose-Einstein condensates in optical lattices. <i>New Journal of Physics</i> , 2015, 17, 115014.	1.2	42
105	NONUNITARY QUANTUM CIRCUIT. <i>International Journal of Quantum Information</i> , 2005, 03, 633-647.	0.6	41
106	Diagnostics for the ground-state phase of a spin-2 Bose-Einstein condensate. <i>Physical Review A</i> , 2005, 72, .	1.0	41
107	Critical Temperature and Condensate Fraction of a Fermion Pair Condensate. <i>Physical Review Letters</i> , 2008, 101, 180406.	2.9	41
108	Universality and the three-body parameter of ${}^4\text{He}$ trimers. <i>Physical Review A</i> , 2012, 86, .	1.0	40

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109	Exact out-of-time-ordered correlation functions for an interacting lattice fermion model. <i>Physical Review A</i> , 2017, 95, .	1.0	40
110	Topological aspects in spinor Bose-Einstein condensates. <i>Reports on Progress in Physics</i> , 2014, 77, 122401.	8.1	38
111	Diffraction-Unlimited Position Measurement of Ultracold Atoms in an Optical Lattice. <i>Physical Review Letters</i> , 2015, 115, 095301.	2.9	38
112	Critical fluctuations in a soliton formation of attractive Bose-Einstein condensates. <i>Physical Review A</i> , 2006, 73, .	1.0	36
113	Quantum nonequilibrium equalities with absolute irreversibility. <i>New Journal of Physics</i> , 2015, 17, 075005.	1.2	36
114	The Efimov effect in lithium 6. <i>Comptes Rendus Physique</i> , 2011, 12, 13-26.	0.3	35
115	Floquet Chiral Magnetic Effect. <i>Physical Review Letters</i> , 2019, 123, 066403.	2.9	35
116	Nonequilibrium open-system theory for continuous photodetection processes: A probability-density-functional description. <i>Physical Review A</i> , 1990, 41, 3875-3890.	1.0	34
117	Power laws and collapsing dynamics of a trapped Bose-Einstein condensate with attractive interactions. <i>Physical Review A</i> , 2001, 63, .	1.0	34
118	Quantum-trajectory thermodynamics with discrete feedback control. <i>Physical Review A</i> , 2016, 94, .	1.0	34
119	The second law of thermodynamics under unitary evolution and external operations. <i>Annals of Physics</i> , 2015, 354, 338-352.	1.0	33
120	Spontaneous magnetic ordering in a ferromagnetic spinor dipolar Bose-Einstein condensate. <i>Physical Review A</i> , 2010, 82, .	1.0	32
121	Deep Reinforcement Learning Control of Quantum Cartpoles. <i>Physical Review Letters</i> , 2020, 125, 100401.	2.9	32
122	Ground-State Properties of a Rotating Bose-Einstein Condensate with Attractive Interaction. <i>Physical Review Letters</i> , 1999, 83, 1489-1493.	2.9	30
123	Possible Efimov Trimer State in a Three-Hyperfine-Component Lithium-6 Mixture. <i>Physical Review Letters</i> , 2009, 103, 073203.	2.9	30
124	Quantum Hall states in rapidly rotating two-component Bose gases. <i>Physical Review A</i> , 2012, 86, .	1.0	30
125	Thermalization and Heating Dynamics in Open Generic Many-Body Systems. <i>Physical Review Letters</i> , 2018, 121, 170402.	2.9	30
126	Quantum-Controlled Few-Photon State Generated by Squeezed Atoms. <i>Physical Review Letters</i> , 1997, 79, 3869-3872.	2.9	29



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127	Entanglement pre-thermalization in a one-dimensional Bose gas. <i>Nature Physics</i> , 2015, 11, 1050-1056.	6.5	29
128	Atypicality of Most Few-Body Observables. <i>Physical Review Letters</i> , 2018, 120, 080603.	2.9	29
129	Fate of a Bose-Einstein condensate with an attractive interaction. <i>Physical Review A</i> , 1999, 60, 3317-3320.	1.0	28
130	Bose-Einstein droplet in free space. <i>Physical Review A</i> , 2004, 70, .	1.0	28
131	Split-merge cycle, fragmented collapse, and vortex disintegration in rotating Bose-Einstein condensates with attractive interactions. <i>Physical Review A</i> , 2004, 69, .	1.0	27
132	Projective Measurement of a Single Nuclear Spin Qubit by Using Two-Mode Cavity QED. <i>Physical Review Letters</i> , 2011, 106, 160501.	2.9	27
133	Carnot's theorem for nonthermal stationary reservoirs. <i>Physical Review E</i> , 2011, 84, 051122.	0.8	27
134	Universal Physics of 2+1 Particles with Non-Zero Angular Momentum. <i>Few-Body Systems</i> , 2011, 51, 207-217.	0.7	27
135	Abe homotopy classification of topological excitations under the topological influence of vortices. <i>Nuclear Physics B</i> , 2012, 856, 577-606.	0.9	27
136	Bound on the exponential growth rate of out-of-time-ordered correlators. <i>Physical Review E</i> , 2018, 98, 012216.	0.8	27
137	Bose Gases with Nonzero Spin. <i>Annual Review of Condensed Matter Physics</i> , 2012, 3, 263-283.	5.2	26
138	Squeezed few-photon states of the field generated from squeezed atoms. <i>Physical Review A</i> , 1999, 59, 3959-3974.	1.0	25
139	Many-body theory of dilute Bose-Einstein condensates with internal degrees of freedom. <i>Physical Review A</i> , 2000, 63, .	1.0	25
140	Collective Excitations and Nonequilibrium Phase Transition in Dissipative Fermionic Superfluids. <i>Physical Review Letters</i> , 2021, 127, 055301.	2.9	25
141	Synchronous Collapses and Revivals of Atomic Dipole Fluctuations and Photon Fano Factor beyond the Standard Quantum Limit. <i>Physical Review Letters</i> , 1996, 76, 2045-2048.	2.9	24
142	Emergence of Bloch Bands in a Rotating Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2004, 93, 220402.	2.9	24
143	Scattering amplitude of ultracold atoms near the $\frac{p}{m}$ -wave magnetic Feshbach resonance. <i>Physical Review A</i> , 2010, 82, .	1.0	24
144	Effects of thermal and quantum fluctuations on the phase diagram of a spin-1 $^{87}\text{Rb}$ Bose-Einstein condensate. <i>Physical Review A</i> , 2011, 84, .	1.0	24

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145	Crossover trimers connecting continuous and discrete scaling regimes. <i>Physical Review A</i> , 2012, 86, .	1.0	24
146	General achievable bound of extractable work under feedback control. <i>Physical Review E</i> , 2014, 90, 052125.	0.8	24
147	Anomalous Transport in the Superfluid Fluctuation Regime. <i>Physical Review Letters</i> , 2017, 118, 105303.	2.9	24
148	Universal properties of dissipative Tomonaga-Luttinger liquids: Case study of a non-Hermitian XXZ spin chain. <i>Physical Review B</i> , 2022, 105, .	1.1	24
149	Spin decoherence by spacetime curvature. <i>Journal of Physics A</i> , 2005, 38, 2029-2037.	1.6	23
150	Test of the Eigenstate Thermalization Hypothesis Based on Local Random Matrix Theory. <i>Physical Review Letters</i> , 2021, 126, 120602.	2.9	23
151	Energy Gaps and Roton Structure above the $\nu=1/2$ Laughlin State of a Rotating Dilute Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2003, 91, 140401.	2.9	22
152	Stabilization of a Bose-Einstein droplet by hyperfine Rabi oscillations. <i>Physical Review A</i> , 2007, 76, .	1.0	22
153	Topological Excitations in Spinor Bose-Einstein Condensates. <i>Progress of Theoretical Physics Supplement</i> , 2010, 186, 455-462.	0.2	22
154	Topological classification of vortex-core structures of spin-1 Bose-Einstein condensates. <i>Physical Review A</i> , 2012, 86, .	1.0	22
155	Classification of spin-nematic squeezing in spin-1 collective atomic systems. <i>Physical Review A</i> , 2013, 88, .	1.0	22
156	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -wave contact tensor: Universal properties of axisymmetry-broken $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -wave Fermi gases. <i>Physical Review A</i> , 2016, 94, .	1.0	21
157	Trade-off relation between information and disturbance in quantum measurement. <i>Physical Review A</i> , 2016, 93, .	1.0	21
158	Generalized Gibbs ensemble in a nonintegrable system with an extensive number of local symmetries. <i>Physical Review E</i> , 2016, 93, 032116.	0.8	21
159	Quadrupole and scissors modes and nonlinear mode coupling in trapped two-component Bose-Einstein condensates. <i>Physical Review A</i> , 2004, 69, .	1.0	20
160	Ground states and dynamics of population-imbalanced Fermi condensates in one dimension. <i>New Journal of Physics</i> , 2010, 12, 055029.	1.2	20
161	Flemish Strings of Magnetic Solitons and a Nonthermal Fixed Point in a One-Dimensional Antiferromagnetic Spin-1 Bose Gas. <i>Physical Review Letters</i> , 2019, 122, 173001.	2.9	20
162	Stability analysis for n-component Bose-Einstein condensate. <i>Physical Review A</i> , 2006, 73, .	1.0	19

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163	Dynamical symmetry in spinor Bose-Einstein condensates. <i>Physical Review A</i> , 2008, 78, .	1.0	19
164	Multiparticle quantum dynamics under real-time observation. <i>Physical Review A</i> , 2017, 95, .	1.0	19
165	Out-of-time-order fluctuation-dissipation theorem. <i>Physical Review E</i> , 2018, 97, 012101.	0.8	19
166	Electron escape rate and barrier traversal time influenced by the electromagnetic environment. <i>Physical Review Letters</i> , 1994, 72, 1726-1729.	2.9	18
167	Nambu-Goldstone mode in a rotating dilute Bose-Einstein condensate. <i>Physical Review A</i> , 2006, 73, .	1.0	18
168	Sagawa and Ueda Reply:. <i>Physical Review Letters</i> , 2010, 104, .	2.9	18
169	Information Thermodynamics: Maxwell's Demon in Nonequilibrium Dynamics. , 2013, , 181-211.		18
170	Universal noise in continuous transport measurements of interacting fermions. <i>Physical Review A</i> , 2018, 98, .	1.0	18
171	A Variational Sum-Rule Approach to Collective Excitations of a Trapped Bose-Einstein Condensate. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 1477-1480.	0.7	17
172	Gauge-spin-space rotation-invariant vortices in spin-orbit-coupled Bose-Einstein condensates. <i>Physical Review A</i> , 2013, 88, .	1.0	17
173	Onset of a Limit Cycle and Universal Three-Body Parameter in Efimov Physics. <i>Physical Review Letters</i> , 2015, 114, 025301.	2.9	17
174	Energy-Level Statistics and Orbital Magnetism of Interacting Electrons in Disordered Quantum Dots. <i>Physical Review Letters</i> , 1997, 79, 1345-1348.	2.9	16
175	Quantum-state tomography of a single nuclear spin qubit of an optically manipulated ytterbium atom. <i>Physical Review A</i> , 2011, 84, .	1.0	16
176	Beliaev theory of spinor Bose-Einstein condensates. <i>Annals of Physics</i> , 2013, 328, 158-219.	1.0	16
177	Determining the continuous family of quantum Fisher information from linear-response theory. <i>Physical Review A</i> , 2016, 94, .	1.0	16
178	Unconventional Universality Class of One-Dimensional Isolated Coarsening Dynamics in a Spinor Bose Gas. <i>Physical Review Letters</i> , 2018, 120, 073002.	2.9	16
179	Standard Quantum Limit and Heisenberg Limit in Function Estimation. <i>Physical Review Letters</i> , 2020, 124, 010507.	2.9	16
180	Divergence-Free WKB Method. <i>Physical Review Letters</i> , 2002, 88, 170404.	2.9	15

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181	Structure of vortex lattices in rotating two-component Bose-Einstein condensates. <i>Physica B: Condensed Matter</i> , 2003, 329-333, 23-24.	1.3	15
182	A Consistent Picture of a Collapsing Bose-Einstein Condensate. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 127-133.	0.7	15
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