Masahito Ueda

List of Publications by Year
in descending order

273 papers	19,042 citations	15880 67 h-index	14779 131 g-index
277 all docs	277 docs citations	277 times ranked	8051 citing authors

#	Article	IF	Citations
1	Universal properties of dissipative Tomonaga-Luttinger liquids: Case study of a non-Hermitian XXZ spin chain. Physical Review B, 2022, 105, .	1.1	24
2	Eigenstate Thermalization in Long-Range Interacting Systems. Physical Review Letters, 2022, 129, .	2.9	11
3	Exact Liouvillian Spectrum of a One-Dimensional Dissipative Hubbard Model. Physical Review Letters, 2021, 126, 110404.	2.9	56
4	Test of the Eigenstate Thermalization Hypothesis Based on Local Random Matrix Theory. Physical Review Letters, 2021, 126, 120602.	2.9	23
5	Intercomponent entanglement entropy and spectrum in binary Bose-Einstein condensates. Physical Review A, 2021, 103, .	1.0	3
6	Collective Excitations and Nonequilibrium Phase Transition in Dissipative Fermionic Superfluids. Physical Review Letters, 2021, 127, 055301.	2.9	25
7	Liouvillian Skin Effect: Slowing Down of Relaxation Processes without Gap Closing. Physical Review Letters, 2021, 127, 070402.	2.9	64
8	Entropy production of a closed Hamiltonian system via the detailed fluctuation relation. Physical Review Research, 2021, 3, .	1.3	1
9	Thermodynamic Uncertainty Relation for Arbitrary Initial States. Physical Review Letters, 2020, 125, 140602.	2.9	61
10	Quantum equilibration, thermalization and prethermalization in ultracold atoms. Nature Reviews Physics, 2020, 2, 669-681.	11.9	70
11	Magnetic Solitons in a Spin-1 Bose-Einstein Condensate. Physical Review Letters, 2020, 125, 030402.	2.9	49
12	Deep Reinforcement Learning Control of Quantum Cartpoles. Physical Review Letters, 2020, 125, 100401.	2.9	32
13	Standard Quantum Limit and Heisenberg Limit in Function Estimation. Physical Review Letters, 2020, 124, 010507.	2.9	16
14	Morphological Superfluid in a Nonmagnetic Spin-2 Bose-Einstein Condensate. Physical Review Letters, 2020, 124, 105301.	2.9	1
15	Dynamical Sign Reversal of Magnetic Correlations in Dissipative Hubbard Models. Physical Review Letters, 2020, 124, 147203.	2.9	44
16	Non-Hermitian physics. Advances in Physics, 2020, 69, 249-435.	35.9	695
17	Continuous Phase Transition without Gap Closing in Non-Hermitian Quantum Many-Body Systems. Physical Review Letters, 2020, 125, 260601.	2.9	69
18	Universality classes of non-Hermitian random matrices. Physical Review Research, 2020, 2, .	1.3	72

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19	Universal Relaxation in Quantum Systems. Advances in Dynamics, Patterns, Cognition, 2020, , 111-130.	0.2	0
20	Effective temperature of a superfluid flowing in a random potential. Physical Review Research, 2020, 2, .	1.3	1
21	Collective modes of vortex lattices in two-component Boseâ€“Einstein condensates under synthetic gauge fields. New Journal of Physics, 2019, 21, 015001.	1.2	5
22	Floquet Chiral Magnetic Effect. Physical Review Letters, 2019, 123, 066403.	2.9	35
23	Symmetry and Topology in Non-Hermitian Physics. Physical Review X, 2019, 9, .	2.8	683
24	Non-Hermitian Many-Body Localization. Physical Review Letters, 2019, 123, 090603.	2.9	166
25	Theory of Non-Hermitian Fermionic Superfluidity with a Complex-Valued Interaction. Physical Review Letters, 2019, 123, 123601.	2.9	147
26	Topological unification of time-reversal and particle-hole symmetries in non-Hermitian physics. Nature Communications, 2019, 10, 297.	5.8	206
27	Flemish Strings of Magnetic Solitons and a Nonthermal Fixed Point in a One-Dimensional Antiferromagnetic Spin-1 Bose Gas. Physical Review Letters, 2019, 122, 173001.	2.9	20
28	Random-matrix behavior of quantum nonintegrable many-body systems with Dyson's three symmetries. Physical Review E, 2019, 99, 042116.	0.8	13
29	Second-Order Topological Phases in Non-Hermitian Systems. Physical Review Letters, 2019, 122, 076801.	2.9	332
30	Observation of Critical Phenomena in Parity-Time-Symmetric Quantum Dynamics. Physical Review Letters, 2019, 123, 230401.	2.9	115
31	Atypicality of Most Few-Body Observables. Physical Review Letters, 2018, 120, 080603.	2.9	29
32	Entanglement prethermalization in the Tomonaga-Luttinger model. Physical Review A, 2018, 97, .	1.0	9
33	Unconventional Universality Class of One-Dimensional Isolated Coarsening Dynamics in a Spinor Bose Gas. Physical Review Letters, 2018, 120, 073002.	2.9	16
34	Discrete Time-Crystalline Order in Cavity and Circuit QED Systems. Physical Review Letters, 2018, 120, 040404.	2.9	150
35	Finite-error metrological bounds on multiparameter Hamiltonian estimation. Physical Review A, 2018, 97, .	1.0	12
36	Out-of-time-order fluctuation-dissipation theorem. Physical Review E, 2018, 97, 012101.	0.8	19

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37	Full-Counting Many-Particle Dynamics: Nonlocal and Chiral Propagation of Correlations. Physical Review Letters, 2018, 120, 185301.	2.9	53
38	Non-Hermitian Kondo Effect in Ultracold Alkaline-Earth Atoms. Physical Review Letters, 2018, 121, 203001.	2.9	109
39	Universal noise in continuous transport measurements of interacting fermions. Physical Review A, 2018, 98, .	1.0	18
40	Topological Entanglement-Spectrum Crossing in Quench Dynamics. Physical Review Letters, 2018, 121, 250601.	2.9	51
41	Topological Phases of Non-Hermitian Systems. Physical Review X, 2018, 8, .	2.8	792
42	Thermalization and Heating Dynamics in Open Generic Many-Body Systems. Physical Review Letters, 2018, 121, 170402.	2.9	30
43	Anomalous helical edge states in a non-Hermitian Chern insulator. Physical Review B, 2018, 98, .	1.1	156
44	Thermalization and prethermalization in isolated quantum systems: a theoretical overview. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 112001.	0.6	283
45	Many-body spin Hall effect with space-inversion symmetry. Physical Review A, 2018, 97, .	1.0	2
46	Nonholonomy of order parameters and su(3) vortices in spin-1 Bose-Einstein condensates. Physical Review A, 2018, 98, .	1.0	4
47	Bound on the exponential growth rate of out-of-time-ordered correlators. Physical Review E, 2018, 98, 012216.	0.8	27
48	Parity-time-symmetric topological superconductor. Physical Review B, 2018, 98, .	1.1	132
49	Quantum Fluctuation Theorems. Fundamental Theories of Physics, 2018, , 249-273.	0.1	4
50	Exact out-of-time-ordered correlation functions for an interacting lattice fermion model. Physical Review A, 2017, 95, .	1.0	40
51	Universal Work Fluctuations During Shortcuts to Adiabaticity by Counterdiabatic Driving. Physical Review Letters, 2017, 118, 100602.	2.9	115
52	Gibbs Paradox Revisited from the Fluctuation Theorem with Absolute Irreversibility. Physical Review Letters, 2017, 118, 060601.	2.9	14
53	Entanglement prethermalization in an interaction quench between two harmonic oscillators. Physical Review E, 2017, 95, 022129.	0.8	5
54	Harmonic trap resonance enhanced synthetic atomic spin-orbit coupling. Scientific Reports, 2017, 7, 46756.	1.6	3

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55	Parity-time-symmetric quantum critical phenomena. Nature Communications, 2017, 8, 15791.	5.8	205
56	Anomalous Transport in the Superfluid Fluctuation Regime. Physical Review Letters, 2017, 118, 105303.	2.9	24
57	Geometrically frustrated coarsening dynamics in spinor Bose-Fermi mixtures. Physical Review A, 2017, 95, .	1.0	4
58	Fluctuation theorems in feedback-controlled open quantum systems: Quantum coherence and absolute irreversibility. Physical Review A, 2017, 96, .	1.0	10
59	Strongly spinor ferromagnetic Bose gases. Physical Review A, 2017, 96, .	1.0	6
60	Multiparticle quantum dynamics under real-time observation. Physical Review A, 2017, 95, .	1.0	19
61	Influence of topological constraints and topological excitations: Decomposition formulas for calculating homotopy groups of symmetry-broken phases. Physical Review B, 2017, 95, .	1.1	3
62	Momentum-space electromagnetic induction in Weyl semimetals. Physical Review B, 2017, 95, .	1.1	6
63	Quantum Hall phase diagram of two-component Bose gases: Intercomponent entanglement and pseudopotentials. Physical Review A, 2017, 96, .	1.0	7
64	Information Retrieval and Criticality in Parity-Time-Symmetric Systems. Physical Review Letters, 2017, 119, 190401.	2.9	151
65	Zeno Hall Effect. Physical Review Letters, 2017, 118, 200401.	2.9	46
66	Î¼-symmetry breaking: An algebraic approach to finding mean fields of quantum many-body systems. Physical Review A, 2016, 94, .	1.0	2
67	Quantum-trajectory thermodynamics with discrete feedback control. Physical Review A, 2016, 94, .	1.0	34
68	Work fluctuation and total entropy production in nonequilibrium processes. Physical Review E, 2016, 94, 062112.	0.8	6
69	Determining the continuous family of quantum Fisher information from linear-response theory. Physical Review A, 2016, 94, .	1.0	16
70	Anisotropic universality. Nature Physics, 2016, 12, 530-531.	6.5	1
71	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math>-wave contact tensor: Universal properties of axisymmetry-broken<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math>-wave Fermi gases. Physical Review A, 2016, 94, .	1.0	21
72	Evolution of an isolated monopole in a spin-1 Bose-Einstein condensate. Physical Review A, 2016, 94, .	1.0	4

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73	Trade-off relation between information and disturbance in quantum measurement. Physical Review A, 2016, 93, .	1.0	21
74	Generalized Gibbs ensemble in a nonintegrable system with an extensive number of local symmetries. Physical Review E, 2016, 93, 032116.	0.8	21
75	Emergent Electromagnetic Induction and Adiabatic Charge Pumping in Noncentrosymmetric Weyl Semimetals. Physical Review Letters, 2016, 117, 216601.	2.9	60
76	Quantum critical behavior influenced by measurement backaction in ultracold gases. Physical Review A, 2016, 94, .	1.0	80
77	Topological origin of universal few-body clusters in Efimov physics. Physical Review A, 2016, 94, .	1.0	5
78	Precise multi-emitter localization method for fast super-resolution imaging. Optics Letters, 2016, 41, 72.	1.7	15
79	How accurately can the microcanonical ensemble describe small isolated quantum systems?. Physical Review E, 2015, 92, 020102.	0.8	13
80	Diffraction-Unlimited Position Measurement of Ultracold Atoms in an Optical Lattice. Physical Review Letters, 2015, 115, 095301.	2.9	38
81	Universal High-Momentum Asymptote and Thermodynamic Relations in a Spinless Fermi Gas with a Resonant<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi></mml:mrow></mml:math>-Wave Interaction. Physical Review Letters, 2015, 115, 135303.	2.9	54
82	Work Fluctuation-Dissipation Trade-Off in Heat Engines. Physical Review Letters, 2015, 115, 260601.	2.9	13
83	Controlling and probing non-abelian emergent gauge potentials in spinor Bose-Fermi mixtures. Nature Communications, 2015, 6, 8135.	5.8	10
84	Excitation band topology and edge matter waves in Boseâ€“Einstein condensates in optical lattices. New Journal of Physics, 2015, 17, 115014.	1.2	42
85	The second law of thermodynamics under unitary evolution and external operations. Annals of Physics, 2015, 354, 338-352.	1.0	33
86	Onset of a Limit Cycle and Universal Three-Body Parameter in Efimov Physics. Physical Review Letters, 2015, 114, 025301.	2.9	17
87	Classicality condition on a system observable in a quantum measurement and a relative-entropy conservation law. Physical Review A, 2015, 91, .	1.0	2
88	Entanglement pre-thermalization in a one-dimensional Bose gas. Nature Physics, 2015, 11, 1050-1056.	6.5	29
89	Quantum nonequilibrium equalities with absolute irreversibility. New Journal of Physics, 2015, 17, 075005.	1.2	36
90	Topological influence and backaction between topological excitations. Physical Review A, 2014, 89, .	1.0	6

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91	General achievable bound of extractable work under feedback control. Physical Review E, 2014, 90, 052125.	0.8	24
92	Topological aspects in spinor Boseâ€“Einstein condensates. Reports on Progress in Physics, 2014, 77, 122401.	8.1	38
93	Lee-Yang cluster expansion approach to the BCS-BEC crossover: BCS and BEC limits. Physical Review A, 2014, 89, .	1.0	5
94	Quantum Mass Acquisition in Spinor Bose-Einstein Condensates. Physical Review Letters, 2014, 113, 230401.	2.9	6
95	Precision measurements using squeezed spin states via two-axis countertwisting interactions. Physical Review A, 2014, 90, .	1.0	13
96	Nonequilibrium equalities in absolutely irreversible processes. Physical Review E, 2014, 90, 042110.	0.8	56
97	Physical origin of the universal three-body parameter in atomic Efimov physics. Physical Review A, 2014, 90, .	1.0	65
98	Global phase diagram of two-component Bose gases in antiparallel magnetic fields. Physical Review A, 2014, 90, .	1.0	14
99	Microscopic Origin and Universality Classes of the Efimov Three-Body Parameter. Physical Review Letters, 2014, 112, 105301.	2.9	78
100	A Brief Overview and Topological Aspects of Gaseous Bose-Einstein Condensates. , 2014, , 136-143.		0
101	Spinor Bose gases: Symmetries, magnetism, and quantum dynamics. Reviews of Modern Physics, 2013, 85, 1191-1244.	16.4	667
102	Gauge-spin-space rotation-invariant vortices in spin-orbit-coupled Bose-Einstein condensates. Physical Review A, 2013, 88, .	1.0	17
103	Integer Quantum Hall State in Two-Component Bose Gases in a Synthetic Magnetic Field. Physical Review Letters, 2013, 111, 090401.	2.9	61
104	KimetÂal.Reply:. Physical Review Letters, 2013, 111, 188902.	2.9	8
105	Beliaev theory of spinor Boseâ€“Einstein condensates. Annals of Physics, 2013, 328, 158-219.	1.0	16
106	Kibbleâ€“Zurek mechanism in a trapped ferromagnetic Boseâ€“Einstein condensate. Journal of Physics Condensed Matter, 2013, 25, 404212.	0.7	15
107	Atomic spin-orbit coupling synthesized with magnetic-field-gradient pulses. Physical Review A, 2013, 87, .	1.0	99
108	Simultaneous continuous measurement of photon-counting and homodyne detection on a free photon field: dynamics of state reduction and the mutual influence of measurement backaction. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 425303.	0.7	4

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109	Fluctuation-induced and symmetry-prohibited metastabilities in spinor Bose-Einstein condensates. Physical Review A, 2013, 88, .	1.0	14
110	Thermodynamic work gain from entanglement. Physical Review A, 2013, 88, .	1.0	62
111	Classification of spin-nematic squeezing in spin-1 collective atomic systems. Physical Review A, 2013, 88, .	1.0	22
112	Integral quantum fluctuation theorems under measurement and feedback control. Physical Review E, 2013, 88, 052121.	0.8	54
113	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
114	Role of mutual information in entropy production under information exchanges. New Journal of Physics, 2013, 15, 125012.	1.2	65
115	Information Thermodynamics: Maxwell's Demon in Nonequilibrium Dynamics. , 2013, , 181-211.		18
116	Universal Thermodynamics of a Unitary Fermi Gas. Springer Series in Solid-state Sciences, 2013, , 361-377.	0.3	0
117	Hydrodynamic description of spin-1 Bose-Einstein condensates. Physical Review A, 2012, 86, .	1.0	43
118	Crossover trimers connecting continuous and discrete scaling regimes. Physical Review A, 2012, 86, .	1.0	24
119	Quantum Hall states in rapidly rotating two-component Bose gases. Physical Review A, 2012, 86, .	1.0	30
120	Nonequilibrium thermodynamics of feedback control. Physical Review E, 2012, 85, 021104.	0.8	190
121	Topological classification of vortex-core structures of spin-1 Bose-Einstein condensates. Physical Review A, 2012, 86, .	1.0	22
122	Abe homotopy classification of topological excitations under the topological influence of vortices. Nuclear Physics B, 2012, 856, 577-606.	0.9	27
123	Criteria of off-diagonal long-range order in Bose and Fermi systems based on the Lee-Yang cluster expansion method. Physical Review A, 2012, 85, .	1.0	3
124	Fluctuation Theorem with Information Exchange: Role of Correlations in Stochastic Thermodynamics. Physical Review Letters, 2012, 109, 180602.	2.9	184
125	Spinor Boseâ€“Einstein condensates. Physics Reports, 2012, 520, 253-381.	10.3	706
126	Bose Gases with Nonzero Spin. Annual Review of Condensed Matter Physics, 2012, 3, 263-283.	5.2	26

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127	Universality and the three-body parameter of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>4</mml:mn></mml:msup></mml:math>He trimers. Physical Review A, 2012, 86, .	1.0	40
128	Projective Measurement of a Single Nuclear Spin Qubit by Using Two-Mode Cavity QED. Physical Review Letters, 2011, 106, 160501.	2.9	27
129	Quantum Szilard Engine. Physical Review Letters, 2011, 106, 070401.	2.9	176
130	Uncertainty relation revisited from quantum estimation theory. Physical Review A, 2011, 84, .	1.0	67
131	Carnot's theorem for nonthermal stationary reservoirs. Physical Review E, 2011, 84, 051122.	0.8	27
132	Universal Physics of 2+1 Particles with Non-Zero Angular Momentum. Few-Body Systems, 2011, 51, 207-217.	0.7	27
133	The Efimov effect in lithium 6. Comptes Rendus Physique, 2011, 12, 13-26.	0.3	35
134	Symmetry classification of spinor Bose-Einstein condensates. Physical Review A, 2011, 84, .	1.0	60
135	Effects of thermal and quantum fluctuations on the phase diagram of a spin-1<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>87</mml:mn></mml:msup></mml:math>Rb Bose-Einstein condensate. Physical Review A, 2011, 84, .	1.0	24
136	Quantum-state tomography of a single nuclear spin qubit of an optically manipulated ytterbium atom. Physical Review A, 2011, 84, .	1.0	16
137	Eigenstate randomization hypothesis: Why does the long-time average equal the microcanonical average?. Physical Review E, 2011, 84, 021130.	0.8	43
138	Measurement of an Efimov Trimer Binding Energy in a Three-Component Mixture of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Li</mml:mi><mml:mprescripts /><mml:none /><mml:mn>6</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2011, 106, 143201.	2.9	101
139	3P183 Information-heat engine as a model system of molecular motors(Molecular motor,The 48th) Tj ETQq1 1 0.784314 rgBT /Overlock	0.0	0
140	Single-nuclear-spin cavity QED. Physical Review A, 2010, 81, .	1.0	11
141	Experimental demonstration of information-to-energy conversion and validation of the generalized Jarzynski equality. Nature Physics, 2010, 6, 988-992.	6.5	714
142	Ground states and dynamics of population-imbalanced Fermi condensates in one dimension. New Journal of Physics, 2010, 12, 055029.	1.2	20
143	Topological Excitations in Spinor Bose-Einstein Condensates. Progress of Theoretical Physics Supplement, 2010, 186, 455-462.	0.2	22
144	Optimal Measurement on Noisy Quantum Systems. Physical Review Letters, 2010, 104, 020401.	2.9	69

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145	Nonuniversal Efimov Atom-Dimer Resonances in a Three-Component Mixture of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Li</mml:mi><mml:mprescripts /><mml:none /><mml:mn>6</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2010, 105, 023201.	2.9	93
146	Scattering amplitude of ultracold atoms near the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi></mml:mrow></mml:math>-wave magnetic Feshbach resonance. Physical Review A, 2010, 82, .	1.0	24
147	Spontaneous magnetic ordering in a ferromagnetic spinor dipolar Bose-Einstein condensate. Physical Review A, 2010, 82, .	1.0	32
148	Bogoliubov theory and Lee-Huang-Yang corrections in spin-1 and spin-2 Bose-Einstein condensates in the presence of the quadratic Zeeman effect. Physical Review A, 2010, 81, .	1.0	50
149	Faraday rotation with a single-nuclear-spin qubit in a high-finesse optical cavity. Physical Review A, 2010, 81, .	1.0	9
150	Hermitian conjugate measurement. Physical Review A, 2010, 81, .	1.0	7
151	Quasi-Nambu-Goldstone Modes in Bose-Einstein Condensates. Physical Review Letters, 2010, 105, 230406.	2.9	47
152	Sagawa and Ueda Reply:. Physical Review Letters, 2010, 104, .	2.9	18
153	Measurement of Universal Thermodynamic Functions for a Unitary Fermi Gas. Science, 2010, 327, 442-445.	6.0	172
154	Generalized Jarzynski Equality under Nonequilibrium Feedback Control. Physical Review Letters, 2010, 104, 090602.	2.9	367
155	NEW PHYSICS IN DIPOLAR BOSE-EINSTEIN CONDENSATES. , 2010, , .		0
156	Collision Dynamics and Rung Formation of non-Abelian Vortices. Physical Review Letters, 2009, 103, 115301.	2.9	89
157	Spin-dependent inelastic collisions in spin-2 Bose-Einstein condensates. Physical Review A, 2009, 80, .	1.0	42
158	Independent Control of Scattering Lengths in Multicomponent Quantum Gases. Physical Review Letters, 2009, 103, 133202.	2.9	44
159	Ferrofluidity in a Two-Component Dipolar Bose-Einstein Condensate. Physical Review Letters, 2009, 102, 230403.	2.9	70
160	Possible Efimov Trimer State in a Three-Hyperfine-Component Lithium-6 Mixture. Physical Review Letters, 2009, 103, 073203.	2.9	30
161	Second Law of Thermodynamics with Discrete Quantum Feedback Control. , 2009, , .		1
162	Minimal Energy Cost for Thermodynamic Information Processing: Measurement and Information Erasure. Physical Review Letters, 2009, 102, 250602.	2.9	302

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163	SYMMETRY BREAKING IN BOSE-EINSTEIN CONDENSATES. , 2009, , .		1
164	KIBBLE-ZUREK MECHANISM IN MAGNETIZATION OF A SPINOR BOSE-EINSTEIN CONDENSATE. , 2009, , .		0
165	Knots in a Spinor Bose-Einstein Condensate. Physical Review Letters, 2008, 100, 180403.	2.9	124
166	Topological Winding and Unwinding in Metastable Bose-Einstein Condensates. Physical Review Letters, 2008, 100, 060401.	2.9	55
167	Density-Matrix Renormalization Group Study of Trapped Imbalanced Fermi Condensates. Physical Review Letters, 2008, 100, 110403.	2.9	102
168	Dynamical symmetry in spinor Bose-Einstein condensates. Physical Review A, 2008, 78, .	1.0	19
169	Accuracy matrix in a generalized simultaneous measurement of a qubit system. Physical Review A, 2008, 77, .	1.0	7
170	Second Law of Thermodynamics with Discrete Quantum Feedback Control. Physical Review Letters, 2008, 100, 080403.	2.9	307
171	Critical Temperature and Condensate Fraction of a Fermion Pair Condensate. Physical Review Letters, 2008, 101, 180406.	2.9	41
172	Publisherâ€™s Note: Collisional Properties ofp-Wave Feshbach Molecules [Phys. Rev. Lett.101, 100401 (2008)]. Physical Review Letters, 2008, 101, .	2.9	5
173	Collisional Properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-Wave Feshbach Molecules. Physical Review Letters, 2008, 101, 100401.	2.9	91
174	Kibble-Zurek mechanism in a quenched ferromagnetic Bose-Einstein condensate. Physical Review A, 2007, 76, .	1.0	102
175	Circuit analysis of quantum measurement. Physical Review A, 2007, 75, .	1.0	1
176	Broken-axisymmetry phase of a spin-1 ferromagnetic Bose-Einstein condensate. Physical Review A, 2007, 75, .	1.0	76
177	Upper bound on our knowledge about noncommuting observables for a qubit system. Physical Review A, 2007, 76, .	1.0	9
178	Probabilistic reversing operation with fidelity and purity gain for macroscopic quantum superposition. Physical Review A, 2007, 75, .	1.0	5
179	Long range and selective coupler for superconducting flux qubits. Applied Physics Letters, 2007, 91, 032501.	1.5	3
180	Anomalous Josephson Effect between Even- and Odd-Frequency Superconductors. Physical Review Letters, 2007, 99, 037005.	2.9	154

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181	Stabilization of a Bose-Einstein droplet by hyperfine Rabi oscillations. Physical Review A, 2007, 76, .	1.0	22
182	Topological defect formation in a quenched ferromagnetic Bose-Einstein condensates. Physical Review A, 2007, 75, .	1.0	72
183	Can Spinor Dipolar Effects Be Observed in Bose-Einstein Condensates?. Physical Review Letters, 2007, 98, 110406.	2.9	57
184	Symmetry breaking in scalar, spinor, and rotating Bose-Einstein condensates. Nuclear Physics A, 2007, 790, 737c-741c.	0.6	1
185	Critical fluctuations in a soliton formation of attractive Bose-Einstein condensates. Physical Review A, 2006, 73, .	1.0	36
186	Symmetry Breaking in Bose-Einstein Condensates. AIP Conference Proceedings, 2006, , .	0.3	4
187	Breaking of Chiral Symmetry and Spontaneous Rotation in a Spinor Bose-Einstein Condensate. Physical Review Letters, 2006, 96, 065302.	2.9	49
188	Einsteinâ€“de Haas Effect in Dipolar Bose-Einstein Condensates. Physical Review Letters, 2006, 96, 080405.	2.9	134
189	Quantum-statistical mechanics of an atom-dimer mixture: Lee-Yang cluster expansion approach. Physical Review A, 2006, 73, .	1.0	5
190	Fragmentation of Bose-Einstein condensates. Physical Review A, 2006, 74, .	1.0	244
191	Stabilization of a matter-wave droplet in free space by feedback control of interatomic interactions. Physical Review A, 2006, 74, .	1.0	9
192	Reversible quantum measurement with arbitrary spins. Physical Review A, 2006, 74, .	1.0	11
193	Spontaneous Circulation in Ground-State Spinor Dipolar Bose-Einstein Condensates. Physical Review Letters, 2006, 97, 130404.	2.9	78
194	Nambu-Goldstone mode in a rotating dilute Bose-Einstein condensate. Physical Review A, 2006, 73, .	1.0	18
195	Stability analysis forn-component Bose-Einstein condensate. Physical Review A, 2006, 73, .	1.0	19
196	SELF-TRAPPING OF BOSE-EINSTEIN CONDENSATES BY OSCILLATING INTERACTIONS. , 2006, , .		0
197	SPIN DECOHERENCE IN A GRAVITATIONAL FIELD. , 2006, , .		0
198	Many-Body Analysis of the Hess-Fairbank Effect in One-Dimensional Bose-Einstein Condensates with Attractive Interactions. Journal of Low Temperature Physics, 2005, 138, 681-686.	0.6	0

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199	NONUNITARY QUANTUM CIRCUIT. International Journal of Quantum Information, 2005, 03, 633-647.	0.6	41
200	Diagnostics for the ground-state phase of a spin-2 Bose-Einstein condensate. Physical Review A, 2005, 72, .	1.0	41
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