

# A quantum Newton's cradle

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Universality and Bose-Einstein Condensation: Perspectives on Recent Work. , 0, , 3-21.		0
2	Quenches, Relaxation, and Prethermalization in an Isolated Quantum System. , 0, , 151-167.		0
3	Hard-core bosons on optical superlattices: Dynamics and relaxation in the superfluid and insulating regimes. Physical Review A, 2006, 74, .	1.0	197
4	Equilibrium on hold. Nature, 2006, 440, 877-878.	13.7	1
6	Coherent matter waves emerging from Mott-insulators. New Journal of Physics, 2006, 8, 169-169.	1.2	38
7	Time-dependent evolution of two coupled Luttinger liquids. Physical Review B, 2006, 74, .	1.1	22
8	Dark stationary matter waves via parity-selective filtering in a Tonks-Girardeau gas. Physical Review A, 2006, 74, .	1.0	14
9	Effect of Suddenly Turning on Interactions in the Luttinger Model. Physical Review Letters, 2006, 97, 156403.	2.9	428
10	Intrinsic dephasing in one-dimensional ultracold atom interferometers. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9955-9959.	3.3	68
11	Dynamics of the attractive 1D Bose gas: analytical treatment from integrability. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P08032-P08032.	0.9	51
12	Fermionization and fractional statistics in the strongly interacting one-dimensional Bose gas. Laser Physics Letters, 2007, 4, 77-83.	0.6	14
13	Calorimetry of Bose-Einstein condensates. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 3273-3282.	0.6	6
14	High-fidelity manipulation of a Bose-Einstein condensate using an optical standing wave. Physical Review A, 2007, 76, .	1.0	18
15	Correlation functions of one-dimensional anyonic fluids. Physical Review B, 2007, 75, .	1.1	63
16	Spin-charge separation in a strongly correlated spin-polarized chain. Physical Review B, 2007, 76, .	1.1	24
17	Three-body recombination in one dimension. Physical Review A, 2007, 76, .	1.0	29
18	Single-particle density matrix and the momentum distribution of dark solitons in a Tonks-Girardeau gas. Physical Review A, 2007, 76, .	1.0	4
19	Momentum distribution dynamics of a tonks-girardeau gas: Bragg reflections of a quantum many-body wavepacket. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
20	Stability of spinor Fermi gases in tight waveguides. <i>Physical Review A</i> , 2007, 76, .	1.0	10
21	Linear response theory for a pair of coupled one-dimensional condensates of interacting atoms. <i>Physical Review B</i> , 2007, 75, .	1.1	92
22	Soluble Models of Strongly Interacting Ultracold Gas Mixtures in Tight Waveguides. <i>Physical Review Letters</i> , 2007, 99, 230402.	2.9	104
23	Quantum dynamics of Bose-Hubbard Hamiltonians beyond the Hartree-Fock-Bogoliubov approximation: The Bogoliubov back-reaction approximation. <i>Physical Review A</i> , 2007, 75, .	1.0	32
24	Dynamics of Excitations in a One-Dimensional Bose Liquid. <i>Physical Review Letters</i> , 2007, 99, 110405.	2.9	64
25	Momentum Distribution Dynamics of a Tonks-Girardeau Gas: Bragg Reflections of a Quantum Many-Body Wave Packet. <i>Physical Review Letters</i> , 2007, 98, 240403.	2.9	64
26	Exact numerical simulations of a one-dimensional trapped Bose gas. <i>Physical Review A</i> , 2007, 75, .	1.0	39
27	One-particle dynamical correlations in the one-dimensional Bose gas. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P01008-P01008.	0.9	114
28	Self-bound droplet of Bose and Fermi atoms in one dimension: Collective properties in mean-field and Tonks-Girardeau regimes. <i>Physical Review A</i> , 2007, 75, .	1.0	32
29	Relaxation in a Completely Integrable Many-Body Quantum System: An Ab Initio Study of the Dynamics of the Highly Excited States of 1D Lattice Hard-Core Bosons. <i>Physical Review Letters</i> , 2007, 98, 050405.	2.9	1,168
30	Quantum quenches in extended systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P06008-P06008.	0.9	387
31	Quench Dynamics and Nonequilibrium Phase Diagram of the Bose-Hubbard Model. <i>Physical Review Letters</i> , 2007, 98, 180601.	2.9	479
32	Strongly Correlated Fermions after a Quantum Quench. <i>Physical Review Letters</i> , 2007, 98, 210405.	2.9	274
33	Spin conductivity in almost integrable spin chains. <i>Physical Review B</i> , 2007, 76, .	1.1	54
34	Entanglement and correlation functions following a local quench: a conformal field theory approach. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P10004-P10004.	0.9	254
35	Relaxation after a tight squeeze. <i>Nature</i> , 2007, 449, 296-297.	13.7	2
36	Calcium's double punch. <i>Nature</i> , 2007, 449, 297-298.	13.7	5
37	Non-equilibrium coherence dynamics in one-dimensional Bose gases. <i>Nature</i> , 2007, 449, 324-327.	13.7	621

#	ARTICLE	IF	CITATIONS
38	Nonlinear Dynamics of Spin Structure in Confined Bose-Einstein Condensates. Journal of Low Temperature Physics, 2007, 148, 405-410.	0.6	6
39	Towards far-from-equilibrium quantum field dynamics: A functional renormalisation-group approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 670, 135-140.	1.5	63
40	Role of the atom-atom scattering length and of symmetrization in unidimensional ultracold atom-diatom collisions. European Physical Journal D, 2008, 49, 75-84.	0.6	4
41	Thermalization and its mechanism for generic isolated quantum systems. Nature, 2008, 452, 854-858.	13.7	2,169
42	Simulations of Strongly Correlated Quantum Systems out of Equilibrium. , 2008, , 71-81.		0
43	Foundation of Statistical Mechanics under Experimentally Realistic Conditions. Physical Review Letters, 2008, 101, 190403.	2.9	384
44	Fermi-Bose Transformation for the Time-Dependent Lieb-Liniger Gas. Physical Review Letters, 2008, 100, 080406.	2.9	63
45	Many-body physics with ultracold gases. Reviews of Modern Physics, 2008, 80, 885-964.	16.4	6,386
46	Supersolitons: Solitonic Excitations in Atomic Soliton Chains. Physical Review Letters, 2008, 101, 144101.	2.9	31
47	Few-Boson Dynamics in Double Wells: From Single-Atom to Correlated Pair Tunneling. Physical Review Letters, 2008, 100, 040401.	2.9	134
48	Nonthermal Steady States after an Interaction Quench in the Falicov-Kimball Model. Physical Review Letters, 2008, 100, 120404.	2.9	160
49	Low-density, one-dimensional quantum gases in the presence of a localized attractive potential. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 215301.	0.6	9
50	Collisions, correlations, and integrability in atom waveguides. Advances in Atomic, Molecular and Optical Physics, 2008, 55, 61-138.	2.3	88
51	Luttinger hydrodynamics of confined one-dimensional Bose gases with dipolar interactions. New Journal of Physics, 2008, 10, 045011.	1.2	37
52	Time evolution of one-dimensional gapless models from a domain wall initial state: stochastic Loewner evolution continued?. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P07013.	0.9	44
53	One-particle density matrix and momentum distribution function of one-dimensional anyon gases. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P06005.	0.9	41
54	Inhomogeneous quantum quenches. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P11003.	0.9	88
55	Interaction Quench in the Hubbard Model. Physical Review Letters, 2008, 100, 175702.	2.9	374

#	ARTICLE	IF	CITATIONS
56	Initial correlations in a nonequilibrium Falicov-Kimball model. Physical Review B, 2008, 78, .	1.1	18
57	Effects of nonintegrability on stabilization of Feshbach molecules in atom waveguides. Physical Review A, 2008, 77, .	1.0	1
58	Exploring Local Quantum Many-Body Relaxation by Atoms in Optical Superlattices. Physical Review Letters, 2008, 101, 063001.	2.9	114
59	Andreev-Like Reflections with Cold Atoms. Physical Review Letters, 2008, 100, 110404.	2.9	21
60	Bright and dark solitary waves in a one-dimensional spin-polarized gas of fermionic atoms with p-wave interactions in a hard-wall trap. Physical Review A, 2008, 77, .	1.0	4
61	Evolution of entanglement entropy following a quantum quench: Analytic results for the $\langle X^2 Y^2 \rangle$ chain in a transverse magnetic field. Physical Review A, 2008, 78, .	1.0	243
62	Relaxation of a one-dimensional Mott insulator after an interaction quench. Physical Review A, 2008, 78, .	1.0	120
63	Correlations in an expanding gas of hard-core bosons. Physical Review A, 2008, 77, .	1.0	79
64	One-dimensional Bose gases with N-body attractive interactions. Physical Review A, 2008, 77, .	1.0	19
65	Energy-dependent damping of excitations over an elongated Bose-Einstein condensate. Physical Review A, 2008, 77, .	1.0	7
66	Ground-state properties of one-dimensional anyon gases. Physical Review A, 2008, 78, .	1.0	48
67	Tunneling dynamics of a few bosons in a double well. Physical Review A, 2008, 78, .	1.0	60
68	Two-component repulsive Fermi gases with population imbalance in elongated harmonic traps. Physical Review A, 2008, 78, .	1.0	10
69	Probing local relaxation of cold atoms in optical superlattices. Physical Review A, 2008, 78, .	1.0	88
70	Quantum many-body dynamics of coupled double-well superlattices. Physical Review A, 2008, 78, .	1.0	56
71	Free expansion of a Lieb-Liniger gas: Asymptotic form of the wave functions. Physical Review A, 2008, 78, .	1.0	38
72	Adiabatic Nonlinear Probes of One-Dimensional Bose Gases. Physical Review Letters, 2008, 101, 230402.	2.9	43
73	Ground-state reference systems for expanding correlated fermions in one dimension. Physical Review A, 2008, 78, .	1.0	51

#	ARTICLE	IF	CITATIONS
74	Rotating Ground States of a One-Dimensional Spin-Polarized Gas of Fermionic Atoms with Attractive-Repulsive Interactions on a Mesoscopic Ring. Physical Review Letters, 2008, 100, 200403.	2.9	5
75	Exact Exponents of Edge Singularities in Dynamic Correlation Functions of 1D Bose Gas. Physical Review Letters, 2008, 100, 206805.	2.9	87
76	Statistics of the Work Done on a Quantum Critical System by Quenching a Control Parameter. Physical Review Letters, 2008, 101, 120603.	2.9	274
77	Breakdown of Integrability in a Quasi-1D Ultracold Bosonic Gas. Physical Review Letters, 2008, 100, 210403.	2.9	91
78	Adiabatic Dynamics in Open Quantum Critical Many-Body Systems. Physical Review Letters, 2008, 101, 175701.	2.9	90
79	Exact Relaxation in a Class of Nonequilibrium Quantum Lattice Systems. Physical Review Letters, 2008, 100, 030602.	2.9	363
80	Dephasing and the Steady State in Quantum Many-Particle Systems. Physical Review Letters, 2008, 100, 100601.	2.9	332
81	Wandering breathers and self-trapping in weakly coupled nonlinear chains: Classical counterpart of macroscopic tunneling quantum dynamics. Physical Review E, 2008, 77, 046603.	0.8	36
82	One-dimensional anyons with competing $\hat{V}$ -function and derivative $\hat{V}'$ -function potentials. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 352002.	0.7	23
83	Spectral function of spinless fermions on a one-dimensional lattice. Physical Review B, 2009, 79, .	1.1	90
84	Quantum quenches in the Dicke model: Statistics of the work done and of other observables. Physical Review E, 2009, 80, 061130.	0.8	35
85	Adiabatic dynamics of a quantum critical system coupled to an environment: Scaling and kinetic equation approaches. Physical Review B, 2009, 80, .	1.1	51
86	Quantum noise and entanglement generated by a local quantum quench. Physical Review B, 2009, 80, .	1.1	48
87	Restoring integrability in one-dimensional quantum gases by two-particle correlations. Physical Review A, 2009, 79, .	1.0	8
88	Bloch Oscillations in a One-Dimensional Spinor Gas. Physical Review Letters, 2009, 102, 070402.	2.9	49
89	Quantum Transport through a Tonks-Girardeau Gas. Physical Review Letters, 2009, 103, 150601.	2.9	179
90	Universal Correlations in a Nonlinear Periodic 1D System. Physical Review Letters, 2009, 102, 233904.	2.9	34
91	Fermionic Collective Excitations in a Lattice Gas of Rydberg Atoms. Physical Review Letters, 2009, 103, 185302.	2.9	53

#	ARTICLE	IF	CITATIONS
92	Quenches in quantum many-body systems: One-dimensional Bose-Hubbard model reexamined. Physical Review A, 2009, 79, .	1.0	110
93	Quantum distillation: Dynamical generation of low-entropy states of strongly correlated fermions in an optical lattice. Physical Review A, 2009, 80, .	1.0	79
94	Momentum distribution of a freely expanding Lieb-Liniger gas. Physical Review A, 2009, 79, .	1.0	24
95	Optical Kagome Lattice for Ultracold Atoms with Nearest Neighbor Interactions. Physical Review Letters, 2009, 103, 080406.	2.9	63
96	Thermalization after an Interaction Quench in the Hubbard Model. Physical Review Letters, 2009, 103, 056403.	2.9	368
97	Pairing, Off-Diagonal Long-Range Order, and Quantum Phase Transition in Strongly Attracting Ultracold Bose Gas Mixtures in Tight Waveguides. Physical Review Letters, 2009, 102, 245303.	2.9	8
98	Bethe ansatz approach to quench dynamics in the Richardson model. Journal of Mathematical Physics, 2009, 50, .	0.5	50
99	Thermalization Dynamics Close to a Quantum Phase Transition. Physical Review Letters, 2009, 102, 245701.	2.9	15
100	Relaxation of Antiferromagnetic Order in Spin- $1$ Chains Following a Quantum Quench. Physical Review Letters, 2009, 102, 130603.	2.9	170
101	Faddeev equations in one-dimensional problems with resonant interactions. Physical Review A, 2009, 80, .	1.0	0
102	Dipole oscillations of confined lattice bosons in one dimension. Physical Review A, 2009, 79, .	1.0	20
103	Motion of an impurity particle in an ultracold quasi-one-dimensional gas of hard-core bosons. Physical Review A, 2009, 79, .	1.0	18
104	Heavily Damped Motion of One-Dimensional Bose Gases in an Optical Lattice. Physical Review Letters, 2009, 102, 030407.	2.9	21
105	Effective Thermal Dynamics Following a Quantum Quench in a Spin Chain. Physical Review Letters, 2009, 102, 127204.	2.9	183
106	Emergent timescales in entangled quantum dynamics of ultracold molecules in optical lattices. New Journal of Physics, 2009, 11, 055027.	1.2	47
107	Adiabatic dynamics in a spin-1 chain with uniaxial single-spin anisotropy. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P03038.	0.9	9
108	The Lieb-Liniger model in the infinite coupling constant limit. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 275302.	0.7	5
109	Off-diagonal correlations in one-dimensional anyonic models: a replica approach. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P03002.	0.9	14

#	ARTICLE	IF	CITATIONS
110	The granularity of weakly occupied bosonic fields beyond the local density approximation. <i>New Journal of Physics</i> , 2009, 11, 023010.	1.2	3
111	Real-time evolution for weak interaction quenches in quantum systems. <i>Annals of Physics</i> , 2009, 324, 2146-2178.	1.0	112
112	Nonlinear phenomena in degenerate quantum gases. <i>Physica D: Nonlinear Phenomena</i> , 2009, 238, 1289-1298.	1.3	14
113	Energy transfer in weakly coupled nonlinear oscillator chains: Transition from a wandering breather to nonlinear self-trapping. <i>Journal of Sound and Vibration</i> , 2009, 322, 524-531.	2.1	12
114	Ultracold atoms in 1D optical lattices: mean field, quantum field, computation, and soliton formation. <i>Mathematics and Computers in Simulation</i> , 2009, 80, 732-740.	2.4	10
115	Nonlinear delocalization on disordered Stark ladder. <i>European Physical Journal B</i> , 2009, 71, 121-124.	0.6	12
116	Ultracold gases far from equilibrium. <i>European Physical Journal: Special Topics</i> , 2009, 168, 89-148.	1.2	19
117	New theoretical approaches for correlated systems in nonequilibrium. <i>European Physical Journal: Special Topics</i> , 2009, 180, 217-235.	1.2	52
118	Time evolution of correlations in strongly interacting fermions after a quantum quench. <i>Physical Review B</i> , 2009, 79, .	1.1	99
119	Realization of an Excited, Strongly Correlated Quantum Gas Phase. <i>Science</i> , 2009, 325, 1224-1227.	6.0	430
120	Quantum quench dynamics of the Luttinger model. <i>Physical Review A</i> , 2009, 80, .	1.0	244
121	Magnetism, coherent many-particle dynamics, and relaxation with ultracold bosons in optical superlattices. <i>Physical Review A</i> , 2009, 79, .	1.0	26
122	Scattering resonances in a degenerate Fermi gas. <i>Physical Review A</i> , 2009, 79, .	1.0	0
123	Dephasing in two decoupled one-dimensional Bose-Einstein condensates and the subexponential decay of the interwell coherence. <i>European Physical Journal B</i> , 2009, 68, 335-339.	0.6	14
124	Quantum quenches from integrability: the fermionic pairing model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P03018.	0.9	77
125	Topological order following a quantum quench. <i>Physical Review A</i> , 2009, 80, .	1.0	40
126	Ground-state properties of a one-dimensional strongly interacting Bose-Fermi mixture in a double-well potential. <i>Physical Review A</i> , 2009, 80, .	1.0	11
127	Single-particle density matrix for a time-dependent strongly interacting one-dimensional Bose gas. <i>Physical Review A</i> , 2009, 80, .	1.0	8



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128	Quantum quenches and thermalization in one-dimensional fermionic systems. <i>Physical Review A</i> , 2009, 80, .	1.0	191
129	Wave-turbulence approach of supercontinuum generation: Influence of self-steepening and higher-order dispersion. <i>Physical Review A</i> , 2009, 79, .	1.0	56
130	Breakdown of Thermalization in Finite One-Dimensional Systems. <i>Physical Review Letters</i> , 2009, 103, 100403.	2.9	423
131	Nonadiabatic Dynamics of Ultracold Fermions in Optical Superlattices. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 123002.	0.7	3
132	Development of Devices for Atomtronics in Optical Lattices. <i>The Review of Laser Engineering</i> , 2009, 37, 28-31.	0.0	0
133	Anomalous non-equilibrium electron transport in one-dimensional quantum nano wire at half-filling: time dependent density renormalization group study. <i>Journal of Physics: Conference Series</i> , 2010, 248, 012031.	0.3	0
134	Disorder in low dimensions: localisation effects in spin glass wires and cold atoms. <i>International Journal of Nanotechnology</i> , 2010, 7, 420.	0.1	1
135	Far-from-equilibrium quantum many-body dynamics. <i>European Physical Journal C</i> , 2010, 70, 423-443.	1.4	39
136	Interacting trapped bosons yield fragmented condensate states in low dimensions. <i>Physical Review A</i> , 2010, 82, .	1.0	32
137	Domain-wall dynamics in a two-component Bose-Mott insulator. <i>Physical Review A</i> , 2010, 82, .	1.0	6
138	Hyperfine molecular Hubbard Hamiltonian. <i>Physical Review A</i> , 2010, 82, .	1.0	39
139	Quantum chaos and thermalization in gapped systems. <i>Physical Review A</i> , 2010, 82, .	1.0	107
140	Exploring the grand-canonical phase diagram of interacting bosons in optical lattices by trap squeezing. <i>Physical Review A</i> , 2010, 82, .	1.0	8
141	Lieb-Liniger gas in a constant-force potential. <i>Physical Review A</i> , 2010, 82, .	1.0	6
142	Spontaneous creation of nonzero-angular-momentum modes in tunnel-coupled two-dimensional degenerate Bose gases. <i>Physical Review A</i> , 2010, 81, .	1.0	6
143	Anderson localization of a Tonks-Girardeau gas in potentials with controlled disorder. <i>Physical Review A</i> , 2010, 81, .	1.0	23
144	Equilibrium and off-equilibrium trap-size scaling in one-dimensional ultracold bosonic gases. <i>Physical Review A</i> , 2010, 82, .	1.0	38
145	Electron liquids and solids in one dimension. <i>Nature</i> , 2010, 464, 209-216.	13.7	204

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146	Ground states and dynamics of population-imbalanced Fermi condensates in one dimension. <i>New Journal of Physics</i> , 2010, 12, 055029.	1.2	20
147	Ramsey Interference in One-Dimensional Systems: The Full Distribution Function of Fringe Contrast as a Probe of Many-Body Dynamics. <i>Physical Review Letters</i> , 2010, 104, 255302.	2.9	56
148	Quantum Quenches and Off-Equilibrium Dynamical Transition in the Infinite-Dimensional Bose-Hubbard Model. <i>Physical Review Letters</i> , 2010, 105, 220401.	2.9	118
149	Onset of quantum chaos in one-dimensional bosonic and fermionic systems and its relation to thermalization. <i>Physical Review E</i> , 2010, 81, 036206.	0.8	268
150	Relaxation dynamics of an exactly solvable electron-phonon model. <i>Physical Review B</i> , 2010, 82, .	1.1	21
151	Quench dynamics near a quantum critical point. <i>Physical Review B</i> , 2010, 81, .	1.1	178
152	Dynamics after a sweep through a quantum critical point. <i>Physical Review E</i> , 2010, 81, 020101.	0.8	108
153	Restricted thermalization for two interacting atoms in a multimode harmonic waveguide. <i>Physical Review A</i> , 2010, 81, .	1.0	6
154	Four-mode Bose-Hubbard model with two greatly differing tunneling rates as a model for the Josephson oscillation of heat. <i>Physical Review A</i> , 2010, 81, .	1.0	21
155	Matter-wave turbulence: Beyond kinetic scaling. <i>Physical Review A</i> , 2010, 81, .	1.0	59
156	Light cone dynamics and reverse Kibble-Zurek mechanism in two-dimensional superfluids following a quantum quench. <i>Physical Review A</i> , 2010, 81, .	1.0	70
157	Universality in the equilibration of quantum systems after a small quench. <i>Physical Review A</i> , 2010, 81, .	1.0	29
158	Interspecies tunneling in one-dimensional Bose mixtures. <i>Physical Review A</i> , 2010, 81, .	1.0	26
159	Unitary equilibrations: Probability distribution of the Loschmidt echo. <i>Physical Review A</i> , 2010, 81, .	1.0	94
160	Breakdown of macroscopic quantum self-trapping in coupled mesoscopic one-dimensional Bose gases. <i>Physical Review A</i> , 2010, 81, .	1.0	16
161	Quantum and Thermal Effects of Dark Solitons in a One-Dimensional Bose Gas. <i>Physical Review Letters</i> , 2010, 104, 194102.	2.9	60
162	Lifetime of double occupancies in the Fermi-Hubbard model. <i>Physical Review B</i> , 2010, 82, .	1.1	95
163	Critical Quench Dynamics in Confined Systems. <i>Physical Review Letters</i> , 2010, 104, 200601.	2.9	35

#	ARTICLE	IF	CITATIONS
164	Weakly Interacting Bose Gas in the One-Dimensional Limit. <i>Physical Review Letters</i> , 2010, 105, 265302.	2.9	55
165	Slow Mass Transport and Statistical Evolution of an Atomic Gas across the Superfluid–Mott-Insulator Transition. <i>Physical Review Letters</i> , 2010, 104, 160403.	2.9	93
166	Quench dynamics near a quantum critical point: Application to the sine-Gordon model. <i>Physical Review B</i> , 2010, 81, .	1.1	66
167	Approaching multichannel Kondo physics using correlated bosons: Quantum phases and how to realize them. <i>Physical Review B</i> , 2010, 81, .	1.1	8
168	Interacting bosons in one dimension and the applicability of Luttinger-liquid theory as revealed by path-integral quantum Monte Carlo calculations. <i>Physical Review B</i> , 2010, 82, .	1.1	52
169	Relaxation of a High-Energy Quasiparticle in a One-Dimensional Bose Gas. <i>Physical Review Letters</i> , 2010, 105, 090404.	2.9	46
170	Statistical properties of the spectrum of the extended Bose–Hubbard model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P08011.	0.9	65
171	Canonical thermalization. <i>New Journal of Physics</i> , 2010, 12, 055027.	1.2	82
172	Thermalization of a strongly interacting 1D Rydberg lattice gas. <i>New Journal of Physics</i> , 2010, 12, 013024.	1.2	29
173	Quantum quenches in integrable field theories. <i>New Journal of Physics</i> , 2010, 12, 055015.	1.2	211
174	Quantum quenches in the anisotropic spin- $\frac{1}{2}$ Heisenberg chain: different approaches to many-body dynamics far from equilibrium. <i>New Journal of Physics</i> , 2010, 12, 055017.	1.2	109
175	Thermometry with spin-dependent lattices. <i>New Journal of Physics</i> , 2010, 12, 055013.	1.2	74
176	Nonequilibrium quantum dynamics of atomic dark solitons. <i>New Journal of Physics</i> , 2010, 12, 055018.	1.2	38
177	Two simple systems with cold atoms: quantum chaos tests and non-equilibrium dynamics. <i>New Journal of Physics</i> , 2010, 12, 055022.	1.2	8
178	Thermalization in a quasi-one-dimensional ultracold bosonic gas. <i>New Journal of Physics</i> , 2010, 12, 055023.	1.2	52
179	Fermionization dynamics of a strongly interacting one-dimensional Bose gas after an interaction quench. <i>New Journal of Physics</i> , 2010, 12, 083065.	1.2	42
180	Thermalization in an interacting spin system in the transition from integrability to chaos. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P07016.	0.9	12
181	Quantum quench dynamics of the sine-Gordon model in some solvable limits. <i>New Journal of Physics</i> , 2010, 12, 055019.	1.2	110

#	ARTICLE	IF	CITATIONS
182	Sudden interaction quench in the quantum sine-Gordon model. <i>New Journal of Physics</i> , 2010, 12, 055008.	1.2	24
183	Reflection of a Lieb–Liniger wave packet from the hard-wall potential. <i>New Journal of Physics</i> , 2010, 12, 055010.	1.2	6
184	Near-adiabatic parameter changes in correlated systems: influence of the ramp protocol on the excitation energy. <i>New Journal of Physics</i> , 2010, 12, 055012.	1.2	30
185	Energy level distribution of perturbed conformal field theories. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P07013.	0.9	19
186	An eccentrically perturbed Tonks–Girardeau gas. <i>New Journal of Physics</i> , 2010, 12, 093041.	1.2	15
187	Dynamical Phase Transitions and Instabilities in Open Atomic Many-Body Systems. <i>Physical Review Letters</i> , 2010, 105, 015702.	2.9	260
188	Observation of Elastic Doublon Decay in the Fermi-Hubbard Model. <i>Physical Review Letters</i> , 2010, 104, 080401.	2.9	215
189	Exact methods in the analysis of the non-equilibrium dynamics of integrable models: application to the study of correlation functions for non-equilibrium 1D Bose gas. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P05012.	0.9	60
190	Thermalization in a Coherently Driven Ensemble of Two-Level Systems. <i>Physical Review Letters</i> , 2010, 105, 100603.	2.9	36
191	Effect of Rare Fluctuations on the Thermalization of Isolated Quantum Systems. <i>Physical Review Letters</i> , 2010, 105, 250401.	2.9	279
192	Quantum Quench in One Dimension: Coherent Inhomogeneity Amplification and “Supersolitons”. <i>Physical Review Letters</i> , 2010, 105, 135701.	2.9	23
193	Nonequilibrium dynamical mean-field calculations based on the noncrossing approximation and its generalizations. <i>Physical Review B</i> , 2010, 82, .	1.1	153
194	Quantum-State Controlled Chemical Reactions of Ultracold Potassium-Rubidium Molecules. <i>Science</i> , 2010, 327, 853-857.	6.0	775
195	Localization and the effects of symmetries in the thermalization properties of one-dimensional quantum systems. <i>Physical Review E</i> , 2010, 82, 031130.	0.8	165
196	Thermalization and ergodicity in one-dimensional many-body open quantum systems. <i>Physical Review E</i> , 2010, 81, 051135.	0.8	53
197	Time-Dependent Mean Field Theory for Quench Dynamics in Correlated Electron Systems. <i>Physical Review Letters</i> , 2010, 105, 076401.	2.9	168
198	Quantum quenches in an $XZ$ spin chain from a spatially inhomogeneous initial state. <i>Physical Review E</i> , 2010, 81, 061134.	0.8	21
199	Dynamics of a quantum phase transition and relaxation to a steady state. <i>Advances in Physics</i> , 2010, 59, 1063-1189.	35.9	543

#	ARTICLE	IF	CITATIONS
200	Finite-size effects in global quantum quenches: Examples from free bosons in an harmonic trap and the one-dimensional Bose-Hubbard model. Physical Review A, 2010, 81, .	1.0	82
201	Generalized Clausius Inequality for Nonequilibrium Quantum Processes. Physical Review Letters, 2010, 105, 170402.	2.9	183
202	Ground state of a mixture of two bosonic Calogero-Sutherland gases with strong odd-wave interspecies attraction. Physical Review A, 2010, 81, .	1.0	7
203	Long time dynamics following a quench in an integrable quantum spin chain: Local versus nonlocal operators and effective thermal behavior. Physical Review B, 2010, 82, .	1.1	118
204	Interaction-induced anomalous transport behavior in one-dimensional optical lattices. Physical Review A, 2010, 81, .	1.0	18
205	Newton's Cradle and Entanglement Transport in a Flexible Rydberg Chain. Physical Review Letters, 2010, 105, 053004.	2.9	70
206	Focus on Dynamics and Thermalization in Isolated Quantum Many-Body Systems. New Journal of Physics, 2010, 12, 055006.	1.2	111
207	Exact results on the quench dynamics of the entanglement entropy in the toric code. Physical Review B, 2010, 82, .	1.1	17
208	Rydberg rings. Physical Chemistry Chemical Physics, 2011, 13, 4208.	1.3	5
209	Dualities for anyons. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 035403.	0.7	3
210	Quantum quench spectroscopy of a Luttinger liquid: Ultrarelativistic density wave dynamics due to fractionalization in an XXZ chain. Physical Review B, 2011, 84, .	1.1	21
211	Dynamics of Relaxation and Fluctuations of the Equilibrium State in an Incompletely Chaotic System. Journal of Physical Chemistry B, 2011, 115, 5340-5346.	1.2	7
212	Cooper pair insulators and theory of correlated superconductors. Physical Review B, 2011, 83, .	1.1	14
213	Conservation laws, integrability, and transport in one-dimensional quantum systems. Physical Review B, 2011, 83, .	1.1	167
214	Out-of-equilibrium correlated systems: Bipartite entanglement as a probe of thermalization. Physical Review B, 2011, 84, .	1.1	10
215	Phase diagram for the half-filled one-dimensional $t-V$ model. Physical Review B, 2011, 84, .	1.1	46
216	Entropy of Isolated Quantum Systems after a Quench. Physical Review Letters, 2011, 107, 040601.	2.9	129
217	Generalized Thermalization in an Integrable Lattice System. Physical Review Letters, 2011, 106, 140405.	2.9	264

#	ARTICLE	IF	CITATIONS
218	Quantum quenches, thermalization, and many-body localization. <i>Physical Review B</i> , 2011, 83, .	1.1	126
219	Comparison between microscopic methods for finite-temperature Bose gases. <i>Physical Review A</i> , 2011, 83, .	1.0	45
220	Nonequilibrium Dynamics of the Bose-Hubbard Model: A Projection-Operator Approach. <i>Physical Review Letters</i> , 2011, 106, 095702.	2.9	50
221	Thermalization of atom-molecule Bose gases in a double-well potential. <i>Physical Review A</i> , 2011, 84, .	1.0	5
222	Long-time-scale dynamics of spin textures in a degenerate $F=1$ Rb spinor Bose gas. <i>Physical Review A</i> , 2011, 84, .	1.0	5
223	Landau-Zener Sweeps and Sudden Quenches in Coupled Bose-Hubbard Chains. <i>Physical Review Letters</i> , 2011, 106, 155302.	2.9	30
224	Optimal Control for Unitary Preparation of Many-Body States: Application to Luttinger Liquids. <i>Physical Review Letters</i> , 2011, 107, 016402.	2.9	33
225	Nonthermal Statistics in Isolated Quantum Spin Clusters after a Series of Perturbations. <i>Physical Review Letters</i> , 2011, 107, 050401.	2.9	26
226	Initial-state dependence of the quench dynamics in integrable quantum systems. <i>Physical Review A</i> , 2011, 84, .	1.0	75
227	Quantum Quench in the Transverse-Field Ising Chain. <i>Physical Review Letters</i> , 2011, 106, 227203.	2.9	470
228	Colloquium: Nonequilibrium dynamics of closed interacting quantum systems. <i>Reviews of Modern Physics</i> , 2011, 83, 863-883.	16.4	2,081
229	Integrability, non-integrability and confinement. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P01002.	0.9	8
230	Many-body Landau-Zener dynamics in coupled one-dimensional Bose liquids. <i>Nature Physics</i> , 2011, 7, 61-67.	6.5	124
231	Trapped-ion antennae for the transmission of quantum information. <i>Nature</i> , 2011, 471, 200-203.	13.7	136
232	Emergence of non-equilibrium superconductivity originated from repulsive interaction: Demonstration using optical lattices and implication to solid-state matter system. <i>Physica C: Superconductivity and Its Applications</i> , 2011, 471, 751-753.	0.6	0
233	One dimensional bosons: From condensed matter systems to ultracold gases. <i>Reviews of Modern Physics</i> , 2011, 83, 1405-1466.	16.4	816
234	Basics of Bose-Einstein condensation. <i>Physics of Particles and Nuclei</i> , 2011, 42, 460-513.	0.2	98
235	Integrability breakdown in longitudinally trapped, one-dimensional bosonic gases. <i>European Physical Journal D</i> , 2011, 65, 43-47.	0.6	17

#	ARTICLE	IF	CITATIONS
236	Far-from-equilibrium dynamics of an ultracold Fermi gas. <i>Applied Physics B: Lasers and Optics</i> , 2011, 102, 469-488.	1.1	8
237	Equilibration and thermalization in finite quantum systems. <i>Laser Physics Letters</i> , 2011, 8, 485-507.	0.6	131
238	Third Bose fugacity coefficient in one dimension, as a function of asymptotic quantities. <i>Annals of Physics</i> , 2011, 326, 406-425.	1.0	1
239	Semiclassical solitons in strongly correlated systems of ultracold bosonic atoms in optical lattices. <i>Annals of Physics</i> , 2011, 326, 1775-1805.	1.0	25
240	Nonequilibrium representative ensembles for isolated quantum systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011, 375, 2797-2801.	0.9	20
241	Many-body quantum chaos: Recent developments and applications to nuclei. <i>Physics Reports</i> , 2011, 499, 103-226.	10.3	131
242	Thermalization in the two-body random ensemble. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P10028.	0.9	25
243	Quantum quenches as classical critical films. <i>Europhysics Letters</i> , 2011, 95, 66007.	0.7	78
244	Dynamical transitions and quantum quenches in mean-field models. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P11003.	0.9	116
245	On the thermalization of a Luttinger liquid after a sequence of sudden interaction quenches. <i>Europhysics Letters</i> , 2011, 95, 10006.	0.7	29
246	Dynamical self-stabilization of the Mott insulator: Time evolution of the density and entanglement entropy of out-of-equilibrium cold fermion gases. <i>Europhysics Letters</i> , 2011, 93, 23003.	0.7	20
247	Local correlations in the 1D Bose gas from a scaling limit of the XXZ chain. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P11017.	0.9	44
248	Equilibration and temperature distribution in a driven ion chain. <i>New Journal of Physics</i> , 2011, 13, 075015.	1.2	26
249	Rigorous mean-field dynamics of lattice bosons: Quenches from the Mott insulator. <i>Europhysics Letters</i> , 2011, 95, 30006.	0.7	21
250	Dissipation-induced correlations in one-dimensional bosonic systems. <i>New Journal of Physics</i> , 2011, 13, 053027.	1.2	10
251	Diverging Equilibration Times in Long-Range Quantum Spin Models. <i>Physical Review Letters</i> , 2011, 106, 130601.	2.9	82
252	Thermalization of a pump-excited Mott insulator. <i>Physical Review B</i> , 2011, 84, .	1.1	101
253	Dynamical Theory of Superfluidity in One Dimension. <i>Physical Review Letters</i> , 2011, 107, 275302.	2.9	37

#	ARTICLE	IF	CITATIONS
254	Local Versus Global Equilibration near the Bosonic Mott-Insulator–Superfluid Transition. <i>Physical Review Letters</i> , 2011, 106, 125301.	2.9	47
255	One-dimensional ZnO exciton polaritons with negligible thermal broadening at room temperature. <i>Physical Review B</i> , 2011, 83, .	1.1	69
256	Loschmidt echo in one-dimensional interacting Bose gases. <i>Physical Review A</i> , 2011, 84, .	1.0	10
257	Strongly correlated states of a small cold-atom cloud from geometric gauge fields. <i>Physical Review A</i> , 2011, 84, .	1.0	26
258	Entanglement and its evolution following a quench in the presence of an energy current. <i>Physical Review A</i> , 2011, 84, .	1.0	6
259	Quantum phase-space analysis of population equilibration in multiwell ultracold atomic systems. <i>Physical Review A</i> , 2011, 84, .	1.0	22
260	Expansion of Bose-Hubbard Mott insulators in optical lattices. <i>Physical Review A</i> , 2011, 84, .	1.0	28
261	Frictionless quantum quenches in ultracold gases: A quantum-dynamical microscope. <i>Physical Review A</i> , 2011, 84, .	1.0	137
262	Direct simulation Monte Carlo method for cold-atom dynamics: Classical Boltzmann equation in the quantum collision regime. <i>Physical Review A</i> , 2011, 84, .	1.0	23
263	Quantum-to-classical correspondence and Hubbard-Stratonovich dynamical systems: A Lie-algebraic approach. <i>Physical Review A</i> , 2011, 84, .	1.0	27
264	Quantum quench dynamics of the Bose-Hubbard model at finite temperatures. <i>Physical Review A</i> , 2011, 83, .	1.0	15
265	Transport, atom blockade, and output coupling in a Tonks-Girardeau gas. <i>Physical Review A</i> , 2011, 83, .	1.0	10
266	Dynamics and kinetics of quasiparticle decay in a nearly-one-dimensional degenerate Bose gas. <i>Physical Review A</i> , 2011, 83, .	1.0	10
267	Quantum dynamics of a four-well Bose-Hubbard model with two different tunneling rates. <i>Physical Review A</i> , 2011, 83, .	1.0	26
268	Dephasing in coherently split quasicondensates. <i>Physical Review A</i> , 2011, 83, .	1.0	23
269	Nonequilibrium phase diagram of a driven and dissipative many-body system. <i>Physical Review A</i> , 2011, 83, .	1.0	80
270	Memory of the Initial Conditions in an Incompletely Chaotic Quantum System: Universal Predictions with Application to Cold Atoms. <i>Physical Review Letters</i> , 2011, 106, 025303.	2.9	33
271	Three-Body Correlation Functions and Recombination Rates for Bosons in Three Dimensions and One Dimension. <i>Physical Review Letters</i> , 2011, 107, 230404.	2.9	72



#	ARTICLE	IF	CITATIONS
272	Quantum vacuum of strongly nonlinear lattices. Physical Review E, 2011, 83, 016202.	0.8	4
273	Relaxation of Fermionic Excitations in a Strongly Attractive Fermi Gas in an Optical Lattice. Physical Review Letters, 2011, 107, 145303.	2.9	8
274	Dynamical critical scaling and effective thermalization in quantum quenches: Role of the initial state. Physical Review B, 2011, 83, .	1.1	26
275	Parametric Excitation of a 1D Gas in Integrable and Nonintegrable Cases. Physical Review Letters, 2011, 106, 125302.	2.9	6
276	Random phase approximation study of one-dimensional fermions after a quantum quench. Physical Review B, 2011, 84, .	1.1	11
277	Universal nonequilibrium quantum dynamics in imaginary time. Physical Review B, 2011, 84, .	1.1	79
278	Semiclassical theory for quantum quenches in finite transverse Ising chains. Physical Review B, 2011, 84, .	1.1	90
279	Spin Relaxation and Band Excitation of a Dipolar Bose-Einstein Condensate in 2D Optical Lattices. Physical Review Letters, 2011, 106, 015301.	2.9	49
280	Quantum Relaxation after a Quench in Systems with Boundaries. Physical Review Letters, 2011, 106, 035701.	2.9	88
281	Crossover from Adiabatic to Sudden Interaction Quench in a Luttinger Liquid. Physical Review Letters, 2011, 106, 156406.	2.9	59
282	Domain wall dynamics in integrable and chaotic spin-1 $\langle \text{mml:math display="inline" style="font-family: monospace;">\langle \text{mml:mrow} \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle 2$ chains. Physical Review E, 2011, 84, 016206.	0.8	42
283	Exact Three-Body Local Correlations for Excited States of the 1D Bose Gas. Physical Review Letters, 2011, 107, 230405.	2.9	55
284	Exact solution for the degenerate ground-state manifold of a strongly interacting one-dimensional Bose-Fermi mixture. Physical Review A, 2011, 84, .	1.0	52
285	Equilibration of integer quantum Hall edge states. Physical Review B, 2011, 84, .	1.1	37
286	Strong and Weak Thermalization of Infinite Nonintegrable Quantum Systems. Physical Review Letters, 2011, 106, 050405.	2.9	252
287	Quantum Kinetic Theory of Collisionless Superfluid Internal Convection. Physical Review Letters, 2011, 107, 090601.	2.9	10
288	Generalized Gibbs ensemble prediction of prethermalization plateaus and their relation to nonthermal steady states in integrable systems. Physical Review B, 2011, 84, .	1.1	221
289	Trapped ions in optical lattices for probing oscillator chain models. New Journal of Physics, 2011, 13, 075012.	1.2	86

#	ARTICLE	IF	CITATIONS
291	Quantum phase-space analysis of equilibration in multi-well Bose-Hubbard systems. , 2011, , .		0
292	Applicability of the generalized Gibbs ensemble after a quench in the quantum Ising chain. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P07015.	0.9	45
293	The dynamics and prethermalization of one-dimensional quantum systems probed through the full distributions of quantum noise. New Journal of Physics, 2011, 13, 073018.	1.2	109
294	Light cone renormalization and quantum quenches in one-dimensional Hubbard models. New Journal of Physics, 2012, 14, 023008.	1.2	48
295	Thermalization in systems with bipartite eigenmode entanglement. New Journal of Physics, 2012, 14, 075013.	1.2	17
296	Fractional quantum Hall states of a few bosonic atoms in geometric gauge fields. New Journal of Physics, 2012, 14, 055003.	1.2	29
297	Many-body localization and thermalization in the full probability distribution function of observables. New Journal of Physics, 2012, 14, 095020.	1.2	26
298	Dynamics-induced freezing of strongly correlated ultracold bosons. Europhysics Letters, 2012, 100, 60007.	0.7	41
299	Fluctuations in the delocalization level of eigenstates and thermalization. Physica Scripta, 2012, T151, 014033.	1.2	1
300	Relaxation and edge reconstruction in integer quantum Hall systems. New Journal of Physics, 2012, 14, 105009.	1.2	11
301	Equilibration in long-range quantum spin systems from a BBGKY perspective. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P02005.	0.9	6
302	Zamolodchikovâ€™s Faddeev algebra and quantum quenches in integrable field theories. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P02017.	0.9	81
303	Weak and strong typicality in quantum systems. Physical Review E, 2012, 86, 010102.	0.8	70
304	Out-of-equilibrium dynamics with matrix product states. New Journal of Physics, 2012, 14, 125015.	1.2	81
305	Relaxation, prethermalization, and diffusion in a noisy quantum Ising chain. Physical Review B, 2012, 86, .	1.1	61
306	Dynamical singularities of glassy systems in a quantum quench. Physical Review E, 2012, 86, 051125.	0.8	10
307	Quantum Gray Solitons in Confining Potentials. Physical Review Letters, 2012, 108, 085301.	2.9	8
308	Quench Dynamics of the Interacting Bose Gas in One Dimension. Physical Review Letters, 2012, 109, 115304.	2.9	96

#	ARTICLE	IF	CITATIONS
309	Observation of Complex Bound States in the Spin- $1$ Heisenberg Chain Using Local Quantum Quenches. Physical Review Letters, 2012, 108, 077206.	2.9	99
310	Bright solitons in defocusing media with spatial modulation of the quintic nonlinearity. Physical Review E, 2012, 86, 036607.	0.8	40
311	Relaxation in finite and isolated classical systems: An extension of Onsager's regression hypothesis. Physical Review E, 2012, 85, 031122.	0.8	2
312	Alternatives to Eigenstate Thermalization. Physical Review Letters, 2012, 108, 110601.	2.9	256
313	Generalized Gibbs ensemble and work statistics of a quenched Luttinger liquid. Physical Review B, 2012, 86, .	1.1	53
314	Constructing the Generalized Gibbs Ensemble after a Quantum Quench. Physical Review Letters, 2012, 109, 175301.	2.9	186
315	Confinement: A real-time visualization. Physical Review B, 2012, 85, .	1.1	8
316	Quenches in a quasidisordered integrable lattice system: Dynamics and statistical description of observables after relaxation. Physical Review A, 2012, 86, .	1.0	89
317	Collision of one-dimensional fermion clusters. Physical Review A, 2012, 86, .	1.0	3
318	Spontaneous-emission-induced transition rates between atomic states in optical lattices. Physical Review A, 2012, 86, .	1.0	6
319	Thermalization of local observables in small Hubbard lattices. Physical Review A, 2012, 86, .	1.0	35
320	Initial-state dependence of the quench dynamics in integrable quantum systems. II. Thermal states. Physical Review A, 2012, 85, .	1.0	43
321	Nonequilibrium phonon dynamics in trapped-ion systems. Physical Review A, 2012, 85, .	1.0	6
322	Quantum dynamics and entanglement in one-dimensional Fermi gases released from a trap. Physical Review A, 2012, 85, .	1.0	26
323	Expansion velocity of a one-dimensional, two-component Fermi gas during the sudden expansion in the ballistic regime. Physical Review A, 2012, 85, .	1.0	31
324	Universality class of quantum criticality for strongly repulsive spin-1 bosons with antiferromagnetic spin-exchange interaction. Physical Review A, 2012, 85, .	1.0	9
325	Strong thermalization of the two-component Bose-Hubbard model at finite temperatures. Physical Review A, 2012, 85, .	1.0	10
326	Time and spatially resolved quench of the fermionic Hubbard model showing restricted equilibration. Physical Review B, 2012, 85, .	1.1	24

#	ARTICLE	IF	CITATIONS
327	Equilibration of a spinless Luttinger liquid. <i>Physical Review B</i> , 2012, 85, .	1.1	24
328	Exact Relaxation Dynamics of a Localized Many-Body State in the 1D Bose Gas. <i>Physical Review Letters</i> , 2012, 108, 110401.	2.9	62
329	Thermalization of interacting fermions and delocalization in Fock space. <i>Physical Review E</i> , 2012, 85, 060101.	0.8	67
330	Long-Time Behavior of the Momentum Distribution During the Sudden Expansion of a Spin-Imbalanced Fermi Gas in One Dimension. <i>Physical Review Letters</i> , 2012, 109, 110602.	2.9	53
331	Modification of Late-Time Phase Structure by Quantum Quenches. <i>Physical Review Letters</i> , 2012, 109, 155702.	2.9	10
332	Dynamical predictive power of the generalized Gibbs ensemble revealed in a second quench. <i>Physical Review E</i> , 2012, 85, 041138.	0.8	7
333	Dynamics of Single Neutral Impurity Atoms Immersed in an Ultracold Gas. <i>Physical Review Letters</i> , 2012, 109, 235301.	2.9	157
334	Convergence to equilibrium under a random Hamiltonian. <i>Physical Review E</i> , 2012, 86, 031101.	0.8	53
335	Quench dynamics in randomly generated extended quantum models. <i>Physical Review B</i> , 2012, 85, .	1.1	75
336	Quantum quenches and driven dynamics in a single-molecule device. <i>Physical Review B</i> , 2012, 85, .	1.1	15
337	Quantum dynamics of disordered bosons in an optical lattice. <i>Physical Review B</i> , 2012, 86, .	1.1	10
338	THE LUTTINGER LIQUID AND INTEGRABLE MODELS. <i>International Journal of Modern Physics B</i> , 2012, 26, 1244009.	1.0	24
339	Dynamics in the Ising field theory after a quantum quench. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012, 2012, P04017.	0.9	93
340	LONG TIME CORRELATIONS OF NONLINEAR LUTTINGER LIQUIDS. <i>International Journal of Modern Physics B</i> , 2012, 26, 1244008.	1.0	17
341	Quantum quench in the transverse field Ising chain: I. Time evolution of order parameter correlators. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012, 2012, P07016.	0.9	232
342	Exact time evolution of space- and time-dependent correlation functions after an interaction quench in the one-dimensional Bose gas. <i>New Journal of Physics</i> , 2012, 14, 075006.	1.2	84
343	Quantum quenches in the transverse field Ising chain: II. Stationary state properties. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012, 2012, P07022.	0.9	177
344	Density-Density Propagator of the Luttinger Model of Spin-Half Fermions after an Interaction Quench. <i>Communications in Theoretical Physics</i> , 2012, 58, 292-294.	1.1	0

#	ARTICLE	IF	CITATIONS
345	Second Josephson excitations beyond mean field as a toy model for thermal pressure: exact quantum dynamics and the quantum phase model. <i>Physica Scripta</i> , 2012, T151, 014046.	1.2	3
346	Symmetries of a mean-field spin model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012, 45, 325002.	0.7	0
347	Coherent control of correlated nanodevices: A hybrid time-dependent numerical renormalization-group approach to periodic switching. <i>Physical Review B</i> , 2012, 85, .	1.1	23
348	Quantum flutter of supersonic particles in one-dimensional quantum liquids. <i>Nature Physics</i> , 2012, 8, 881-886.	6.5	67
349	Non-equilibrium dynamics of an unstable quantum pendulum explored in a spin-1 Bose-Einstein condensate. <i>Nature Communications</i> , 2012, 3, 1169.	5.8	69
350	Statistical description of small quantum systems beyond the weak-coupling limit. <i>Physical Review E</i> , 2012, 86, 011115.	0.8	11
351	Thermalization and quantum correlations in exactly solvable models. <i>Physical Review E</i> , 2012, 85, 011133.	0.8	119
352	Few-body physics with ultracold atomic and molecular systems in traps. <i>Reports on Progress in Physics</i> , 2012, 75, 046401.	8.1	160
353	Dynamical Correlations After a Quantum Quench. <i>Physical Review Letters</i> , 2012, 109, 247206.	2.9	140
354	Time-Dependent Impurity in Ultracold Fermions: Orthogonality Catastrophe and Beyond. <i>Physical Review X</i> , 2012, 2, .	2.8	148
355	Onset of chaos and relaxation in isolated systems of interacting spins: Energy shell approach. <i>Physical Review E</i> , 2012, 85, 036209.	0.8	107
356	An exactly solvable model for the integrability-chaos transition in rough quantum billiards. <i>Nature Communications</i> , 2012, 3, 641.	5.8	21
357	Entanglement and particle correlations of Fermi gases in harmonic traps. <i>Physical Review A</i> , 2012, 85, .	1.0	41
358	Relaxation and Prethermalization in an Isolated Quantum System. <i>Science</i> , 2012, 337, 1318-1322.	6.0	783
359	One-dimensional quantum liquids: Beyond the Luttinger liquid paradigm. <i>Reviews of Modern Physics</i> , 2012, 84, 1253-1306.	16.4	371
360	Controlling integrability in a quasi-one-dimensional atom-dimer mixture. <i>Physical Review A</i> , 2012, 85, .	1.0	7
361	Projection operator approach to the Bose-Hubbard model. <i>Physical Review B</i> , 2012, 86, .	1.1	26
362	Thermalization and dissipation in out-of-equilibrium quantum systems: A perturbative renormalization group approach. <i>Physical Review B</i> , 2012, 85, .	1.1	53

#	ARTICLE	IF	CITATIONS
363	Pinning quantum phase transition in a Tonks-Girardeau gas: Diagnostics by ground-state fidelity and the Loschmidt echo. <i>Physical Review A</i> , 2012, 86, .	1.0	13
364	Emergent Thermodynamics in a Quenched Quantum Many-Body System. <i>Physical Review Letters</i> , 2012, 109, 160601.	2.9	119
365	Ultracold atoms and the Functional Renormalization Group. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2012, 228, 63-135.	0.5	56
366	Dynamics and bifurcations of nonsmooth systems: A survey. <i>Physica D: Nonlinear Phenomena</i> , 2012, 241, 1826-1844.	1.3	231
367	Engineered Open Systems and Quantum Simulations with Atoms and Ions. <i>Advances in Atomic, Molecular and Optical Physics</i> , 2012, , 1-80.	2.3	219
368	Thermalization of a Strongly Interacting Closed Spin System: From Coherent Many-Body Dynamics to a Fokker-Planck Equation. <i>Physical Review Letters</i> , 2012, 108, 110603.	2.9	47
369	Chaos and Statistical Relaxation in Quantum Systems of Interacting Particles. <i>Physical Review Letters</i> , 2012, 108, 094102.	2.9	106
370	Unbounded Growth of Entanglement in Models of Many-Body Localization. <i>Physical Review Letters</i> , 2012, 109, 017202.	2.9	800
371	Low-Dimensional Atomic Bose Gases. <i>Contemporary Concepts of Condensed Matter Science</i> , 2012, 5, 95-120.	0.5	1
372	Extension of Bogoliubov theory for a many-body system with a time-scale hierarchy: The quantum mechanics of second Josephson oscillations. <i>Physical Review A</i> , 2012, 85, .	1.0	9
373	Probing an ultracold-atom crystal with matter waves. <i>Nature Physics</i> , 2012, 8, 544-549.	6.5	22
374	Quantum quenches in disordered systems: Approach to thermal equilibrium without a typical relaxation time. <i>Physical Review E</i> , 2012, 85, 050102.	0.8	66
375	Particle injection into a chain: decoherence versus relaxation for Hermitian and non-Hermitian dynamics. <i>Annalen Der Physik</i> , 2012, 524, 286-301.	0.9	7
376	Bethe Ansatz approach to the pairing fluctuations in the mesoscopic regime. <i>Annalen Der Physik</i> , 2012, 524, 133-145.	0.9	9
377	Measuring Entanglement Growth in Quench Dynamics of Bosons in an Optical Lattice. <i>Physical Review Letters</i> , 2012, 109, 020505.	2.9	303
378	Decoherence and equilibration under nondestructive measurements. <i>Annals of Physics</i> , 2012, 327, 253-263.	1.0	20
379	Dynamics and Bloch oscillations of mobile impurities in one-dimensional quantum liquids. <i>Annals of Physics</i> , 2012, 327, 639-670.	1.0	69
380	Long-time asymptotics of the long-range Emch-Radin model. <i>Open Physics</i> , 2012, 10, .	0.8	12

#	ARTICLE	IF	CITATIONS
381	Dual-fermion approach to non-equilibrium strongly correlated problems. <i>Annalen Der Physik</i> , 2012, 524, A17.	0.9	1
382	Gaussian equilibration. <i>Physical Review E</i> , 2013, 87, 012106.	0.8	26
383	Quantum Ising Phases and Transitions in Transverse Ising Models. <i>Lecture Notes in Physics</i> , 2013, , .	0.3	171
384	Microscopic origin of thermodynamic entropy in isolated systems. <i>Physical Review E</i> , 2013, 87, 042135.	0.8	104
385	Hybrid NRG-DMRG approach to real-time dynamics of quantum impurity systems. <i>Physical Review B</i> , 2013, 87, .	1.1	37
386	A bosonic multi-state two-well model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 265206.	0.7	2
387	Magnetic properties of commensurate Bose-Bose mixtures in one-dimensional optical lattices. <i>European Physical Journal: Special Topics</i> , 2013, 217, 13-27.	1.2	2
388	Infinite-Time Average of Local Fields in an Integrable Quantum Field Theory After a Quantum Quench. <i>Physical Review Letters</i> , 2013, 111, 100401.	2.9	107
389	Spread of Correlations in Long-Range Interacting Quantum Systems. <i>Physical Review Letters</i> , 2013, 111, 207202.	2.9	238
390	Fermi gases in one dimension: From Bethe ansatz to experiments. <i>Reviews of Modern Physics</i> , 2013, 85, 1633-1691.	16.4	374
391	(Non) supersymmetric quantum quenches. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	7
392	Local emergence of thermal correlations in an isolated quantum many-body system. <i>Nature Physics</i> , 2013, 9, 640-643.	6.5	335
393	Periodic dynamics of fermionic superfluids in the BCS regime. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 205703.	0.7	3
394	Universal Contact for a Tonks-Girardeau Gas at Finite Temperature. <i>Physical Review Letters</i> , 2013, 110, 020403.	2.9	58
395	Chaos-driven dynamics in spin-orbit-coupled atomic gases. <i>Physical Review A</i> , 2013, 87, .	1.0	40
396	Many-particle dynamics of bosons and fermions in quasi-one-dimensional flat-band lattices. <i>Physical Review A</i> , 2013, 87, .	1.0	72
397	Multimode Dynamics and Emergence of a Characteristic Length Scale in a One-Dimensional Quantum System. <i>Physical Review Letters</i> , 2013, 110, 090405.	2.9	51
398	Numerical construction of the continuous spectrum Eigenfunctions of the three body Schrödinger operator: Three particles on the axis with short-range pair potentials. <i>Physics of Atomic Nuclei</i> , 2013, 76, 208-218.	0.1	5

#	ARTICLE	IF	CITATIONS
399	Metastable Criticality and the Super Tonks-Girardeau Gas. Physical Review Letters, 2013, 110, 125302.	2.9	27
400	Thermodynamic length for far-from-equilibrium quantum systems. Physical Review E, 2013, 87, 022143.	0.8	42
401	Dynamical Quantum Phase Transitions in the Transverse-Field Ising Model. Physical Review Letters, 2013, 110, 135704.	2.9	611
402	Cooling through optimal control of quantum evolution. Physical Review A, 2013, 87, .	1.0	30
403	Clusters of bound particles in the derivative $\hat{\Gamma}$ -function Bose gas. Nuclear Physics B, 2013, 871, 362-392.	0.9	1
404	A superheated Bose-condensed gas. Nature Physics, 2013, 9, 271-274.	6.5	13
405	How not to boil. Nature Physics, 2013, 9, 266-267.	6.5	0
406	Equilibration of a Tonks-Girardeau Gas Following a Trap Release. Physical Review Letters, 2013, 110, 245301.	2.9	136
407	Time Evolution of Local Observables After Quenching to an Integrable Model. Physical Review Letters, 2013, 110, 257203.	2.9	369
408	Newton's cradles in optics: From $\langle N \rangle$ -soliton fission to soliton chains. Physical Review A, 2013, 87, .	1.0	54
409	Engineering p-wave interactions in ultracold atoms using nanoplasmonic traps. Nature Communications, 2013, 4, 2046.	5.8	22
410	Expansion Dynamics of Interacting Bosons in Homogeneous Lattices in One and Two Dimensions. Physical Review Letters, 2013, 110, 205301.	2.9	236
411	Exact formalism for the quench dynamics of integrable models. Physical Review A, 2013, 87, .	1.0	62
412	Non-thermal excited-state quantum phase transitions. Europhysics Letters, 2013, 104, 50007.	0.7	23
413	Complexity of energy eigenstates as a mechanism for equilibration. Physical Review E, 2013, 87, .	0.8	40
414	Integrability versus quantum thermalization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 224016.	0.6	24
415	Quantum quenches in one-dimensional gapless systems. European Physical Journal B, 2013, 86, 1.	0.6	15
416	Prethermalization in a Nonintegrable Quantum Spin Chain after a Quench. Physical Review Letters, 2013, 111, 197203.	2.9	126



#	ARTICLE	IF	CITATIONS
417	Quench dynamics of a Tonks-Girardeau gas released from a harmonic trap. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P09025.	0.9	92
418	Bright solitons from the nonpolynomial Schrödinger equation with inhomogeneous defocusing nonlinearities. <i>Physical Review E</i> , 2013, 88, 025201.	0.8	27
419	Relaxation timescales and decay of correlations in a long-range interacting quantum simulator. <i>New Journal of Physics</i> , 2013, 15, 083007.	1.2	59
420	Prethermalization revealed by the relaxation dynamics of full distribution functions. <i>New Journal of Physics</i> , 2013, 15, 075011.	1.2	69
421	Controlling spontaneous-emission noise in measurement-based feedback cooling of a Bose-Einstein condensate. <i>New Journal of Physics</i> , 2013, 15, 113060.	1.2	35
422	Finite-size effects from higher conservation laws for the one-dimensional Bose gas. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 235002.	0.7	4
423	Squeezing in Bose-Einstein condensates with large numbers of atoms. <i>New Journal of Physics</i> , 2013, 15, 123024.	1.2	11
424	Quantum criticality and population trapping of fermions by non-equilibrium lattice modulations. <i>New Journal of Physics</i> , 2013, 15, 123030.	1.2	18
425	Non-equilibrium quench dynamics in quantum quasicrystals. <i>New Journal of Physics</i> , 2013, 15, 023036.	1.2	20
426	Quench dynamics of topological maximally entangled states. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 285601.	0.7	13
427	Thermal versus entanglement entropy: a measurement protocol for fermionic atoms with a quantum gas microscope. <i>New Journal of Physics</i> , 2013, 15, 063003.	1.2	50
428	Effects of effective attractive multi-body interaction on quantum phase and transport dynamics of a strongly correlated bosonic gas across the superfluid to Mott insulator transition. <i>Chinese Physics B</i> , 2013, 22, 110307.	0.7	0
429	Dynamics of Quantum Ising Systems. <i>Lecture Notes in Physics</i> , 2013, , 179-223.	0.3	0
430	Equilibration of quantum hard rods in one dimension. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P02005.	0.9	12
431	Statistics of the work done by splitting a one-dimensional quasicondensate. <i>Physical Review E</i> , 2013, 87, 052129.	0.8	59
432	Dynamics of correlations in a dilute Bose gas following an interaction quench. <i>Physical Review A</i> , 2013, 87, .	1.0	36
433	Sudden expansion of Mott insulators in one dimension. <i>Physical Review B</i> , 2013, 88, .	1.1	58
434	Quench dynamics of one-dimensional bosons in a commensurate periodic potential: A quantum kinetic equation approach. <i>Physical Review B</i> , 2013, 88, .	1.1	31

#	ARTICLE	IF	CITATIONS
435	Nonequilibrium self-energy functional theory. Physical Review B, 2013, 88, .	1.1	18
436	Dynamics of correlations in shallow optical lattices. Physical Review A, 2013, 87, .	1.0	10
437	Holographic Superfluids and the Dynamics of Symmetry Breaking. Physical Review Letters, 2013, 110, 015301.	2.9	107
438	Condensation and quasicondensation in an elongated three-dimensional Bose gas. Physical Review A, 2013, 87, .	1.0	9
439	Quantum quench in the Luttinger model with finite temperature initial state. Physical Review B, 2013, 88, .	1.1	17
440	Closed and Open System Dynamics in a Fermionic Chain with a Microscopically Specified Bath: Relaxation and Thermalization. Physical Review Letters, 2013, 110, 100406.	2.9	12
441	Equilibration and coarsening in the quantum $\langle O \rangle$ at infinite $\langle N \rangle$ . Physical Review B, 2013, 88, .	1.1	17
442	Quantum entropy production in phase space. Europhysics Letters, 2013, 103, 30001.	0.7	31
443	Interaction quenches in the one-dimensional Bose gas. Physical Review B, 2013, 88, .	1.1	105
444	Universal Damping Behavior of Dipole Oscillations of One-Dimensional Ultracold Gases Induced by Quantum Phase Slips. Physical Review Letters, 2013, 111, 025303.	2.9	17
445	Quantum quench in a $\langle p \rangle$ Winding numbers and topological states far from equilibrium. Physical Review B, 2013, 88, .	1.1	17
446	Diffraction scattering of three particles in one dimension: A simple result for weak violations of the Yang-Baxter equation. Physical Review A, 2013, 87, .	1.0	22
447	Coherent Molecule Formation in Anharmonic Potentials Near Confinement-Induced Resonances. Physical Review Letters, 2013, 110, 203202.	2.9	56
448	Quantum quench dynamics of the Coulomb Luttinger model. Physical Review B, 2013, 87, .	1.1	15
449	Transitionless quantum driving for spin systems. Physical Review E, 2013, 87, 062117.	0.8	88
450	Momentum distribution functions in ensembles: The inequivalence of microcanonical and canonical ensembles in a finite ultracold system. Physical Review E, 2013, 88, 022113.	0.8	0
451	Reduced density matrix after a quantum quench. Physical Review B, 2013, 87, .	1.1	214
452	Fluctuation-Dissipation Theorem in an Isolated System of Quantum Dipolar Bosons after a Quench. Physical Review Letters, 2013, 111, 050403.	2.9	96

#	ARTICLE	IF	CITATIONS
453	Thermodynamics of strongly correlated one-dimensional Bose gases. <i>Physical Review A</i> , 2013, 88, .	1.0	38
454	Work distribution and edge singularities for generic time-dependent protocols in extended systems. <i>Physical Review E</i> , 2013, 88, 042109.	0.8	57
455	Interaction-disorder competition in a spin system evaluated through the Loschmidt echo. <i>Physical Review B</i> , 2013, 88, .	1.1	17
456	Initial-state dependence of the quench dynamics in integrable quantum systems. III. Chaotic states. <i>Physical Review A</i> , 2013, 87, .	1.0	28
457	Linear quantum quench in the Heisenberg XXZ chain: Time-dependent Luttinger-model description of a lattice system. <i>Physical Review B</i> , 2013, 87, .	1.1	27
458	Imaginary-time nonuniform mesh method for solving the multidimensional Schrödinger equation: Fermionization and melting of quantum Lennard-Jones crystals. <i>Physical Review A</i> , 2013, 88, .	1.0	1
459	Interaction quench in nonequilibrium Luttinger liquids. <i>Physical Review B</i> , 2013, 88, .	1.1	18
460	Finite-size corrections versus relaxation after a sudden quench. <i>Physical Review B</i> , 2013, 87, .	1.1	52
461	Nonequilibrium quantum phase transition of Bose-Einstein condensates in an optical cavity. <i>Physical Review A</i> , 2013, 87, .	1.0	15
462	Relaxation towards negative temperatures in bosonic systems: Generalized Gibbs ensembles and beyond integrability. <i>Physical Review A</i> , 2013, 88, .	1.0	5
463	Thermal transport and quench relaxation in nonlinear Luttinger liquids. <i>Physical Review B</i> , 2013, 88, .	1.1	8
464	Dynamical transition in interaction quenches of the one-dimensional Hubbard model. <i>Physical Review B</i> , 2013, 87, .	1.1	28
465	Ramp Dynamics of Phonons in an Ion Trap: Entanglement Generation and Cooling. <i>Physical Review Letters</i> , 2013, 111, 170406.	2.9	7
466	Finite-size scaling analysis of the eigenstate thermalization hypothesis in a one-dimensional interacting Bose gas. <i>Physical Review E</i> , 2013, 87, 012125.	0.8	76
467	Generalized quantum microcanonical ensemble from random matrix product states. <i>Physical Review B</i> , 2013, 87, .	1.1	10
468	Pair tunneling, phase separation, and dimensional crossover in imbalanced fermionic superfluids in a coupled array of tubes. <i>Physical Review A</i> , 2013, 87, .	1.0	29
469	QUANTUM DYNAMICS WITH AN ENSEMBLE OF HAMILTONIANS. <i>Modern Physics Letters B</i> , 2013, 27, 1330019.	1.0	9
470	Semi-classical theory for quantum quenches in the O(3) non-linear sigma model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P04003.	0.9	26

#	ARTICLE	IF	CITATIONS
471	Entanglement evolution across defects in critical anisotropic Heisenberg chains. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 175001.	0.7	28
472	Stationary behaviour of observables after a quantum quench in the spin-1/2 Heisenberg XXZ chain. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P07012.	0.9	135
473	Prethermalization and dynamic phase transition in an isolated trapped ion spin chain. New Journal of Physics, 2013, 15, 113051.	1.2	30
474	Form factors in equilibrium and non-equilibrium mixed states of the Ising model. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P09021.	0.9	10
475	New nonlinear structures in a degenerate one-dimensional electron gas. Europhysics Letters, 2014, 105, 30006.	0.7	9
476	Nonequilibrium states of a quenched Bose gas. Physical Review A, 2014, 90, .	1.0	24
477	Validity of the GGE for quantum quenches from interacting to noninteracting models. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P07024.	0.9	142
478	The Heisenberg Model after an Interaction Quench. Chinese Physics Letters, 2014, 31, 100502.	1.3	0
479	Quantum quenches and thermalization on scale-free graphs. Iranian Physical Journal, 2014, 8, 225-230.	1.2	0
480	Distinguishability, degeneracy, and correlations in three harmonically trapped bosons in one dimension. Physical Review A, 2014, 90, .	1.0	47
481	Quantum quenches from excited states in the Ising chain. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 175002.	0.7	74
482	Recursive formulas for the overlaps between Bethe states and product states in XXZ Heisenberg chains. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 385003.	0.7	36
483	Interaction quench in a trapped 1D Bose gas. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P11016.	0.9	41
484	Negative specific heat with trapped ultracold quantum gases. New Journal of Physics, 2014, 16, 013013.	1.2	4
485	Statistics of the work distribution for a quenched Fermi gas. New Journal of Physics, 2014, 16, 045013.	1.2	40
486	Quench-induced delocalization. New Journal of Physics, 2014, 16, 113051.	1.2	8
487	Two-Atom Collisions and the Loading of Atoms in Microtraps. Entropy, 2014, 16, 582-606.	1.1	5
488	Quench action approach for releasing the Néel state into the spin-1/2 XXZ chain. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P12009.	0.9	64

#	ARTICLE	IF	CITATIONS
489	Interaction quench in a Lieb-Liniger model and the KPZ equation with flat initial conditions. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P05004.	0.9	40
490	Quantum damping of Fermi-Pasta-Ulam revivals in ultracold Bose gases. Progress of Theoretical and Experimental Physics, 2014, 2014, 43I03-0.	1.8	6
491	Quantum quench in the sine-Gordon model. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P10035.	0.9	109
492	Focus on out-of-equilibrium dynamics in strongly interacting one-dimensional systems. New Journal of Physics, 2014, 16, 095006.	1.2	9
493	Superradiant Decay of Cyclotron Resonance of Two-Dimensional Electron Gases. Physical Review Letters, 2014, 113, 047601.	2.9	88
494	Dynamical quantum phase transitions in the axial next-nearest-neighbor Ising chain. Physical Review B, 2014, 90, .	1.1	77
495	Bloch oscillations of bosonic lattice polarons. Physical Review A, 2014, 90, .	1.0	24
496	Quench between a Mott insulator and a Lieb-Liniger liquid. Physical Review A, 2014, 90, .	1.0	5
497	Bloch oscillations and quench dynamics of interacting bosons in an optical lattice. Physical Review A, 2014, 89, .	1.0	13
498	Decay of Bogoliubov quasiparticles in a nonideal one-dimensional Bose gas. Physical Review B, 2014, 89, .	1.1	16
499	Quantum shock waves and population inversion in collisions of ultracold atomic clouds. Physical Review A, 2014, 89, .	1.0	28
500	Trace of broken integrability in stationary correlation properties. Physical Review A, 2014, 89, .	1.0	9
501	Nonequilibrium quantum relaxation across a localization-delocalization transition. Physical Review B, 2014, 90, .	1.1	27
502	Born-Oppenheimer study of two-component few-particle systems under one-dimensional confinement. Physical Review A, 2014, 89, .	1.0	25
503	Bound states and expansion dynamics of interacting bosons on a one-dimensional lattice. Physical Review A, 2014, 90, .	1.0	27
504	Disentangling dynamical phase transitions from equilibrium phase transitions. Physical Review B, 2014, 89, .	1.1	151
505	Absence of thermalization in a Fermi liquid. Physical Review B, 2014, 90, .	1.1	3
506	Quantum quenches in the many-body localized phase. Physical Review B, 2014, 90, .	1.1	146

#	ARTICLE	IF	CITATIONS
507	Quantum quench of the trap frequency in the harmonic Calogero model. Physical Review A, 2014, 89, .	1.0	29
508	Quantum Quench and Prethermalization Dynamics in a Two-Dimensional Fermi Gas with Long-Range Interactions. Physical Review Letters, 2014, 113, 210402.	2.9	59
509	Fine structures in the spectrum of the open-boundary Heisenberg chain at large anisotropies. Physical Review A, 2014, 89, .	1.0	5
510	Finite-size scaling of eigenstate thermalization. Physical Review E, 2014, 89, 042112.	0.8	189
511	Equilibration and prethermalization in the Bose-Hubbard and Fermi-Hubbard models. Physical Review A, 2014, 89, .	1.0	36
512	Real-time and real-space spin and energy dynamics in one-dimensional spin- $\frac{1}{2}$ systems induced by local quantum quenches at finite temperatures. Physical Review B, 2014, 89, .	1.0	1
513	Analytic results for a quantum quench from free to hard-core one-dimensional bosons. Physical Review A, 2014, 89, .	1.0	127
514	Coherent quench dynamics in the one-dimensional Fermi-Hubbard model. Physical Review A, 2014, 90, .	1.0	12
515	Modulated trapping of interacting bosons in one dimension. Physical Review A, 2014, 90, .	1.0	14
516	Phase space tomography of cold-atom dynamics in a weakly corrugated potential. Physical Review A, 2014, 90, .	1.0	9
517	Purification and Many-Body Localization in Cold Atomic Gases. Physical Review Letters, 2014, 113, 217201.	2.9	79
518	Chiral Prethermalization in Supersonically Split Condensates. Physical Review Letters, 2014, 113, 190401.	2.9	17
519	Dynamics of the Bose-Hubbard chain for weak interactions. Physical Review B, 2014, 89, .	1.1	0
520	Mapping between the Heisenberg XX Spin Chain and Low-Energy QCD. Physical Review X, 2014, 4, .	2.8	14
521	Localized modes in quasi-two-dimensional Bose-Einstein condensates with spin-orbit and Rabi couplings. Physical Review A, 2014, 90, .	1.0	82
522	Local quenches with global effects in interacting quantum systems. Physical Review E, 2014, 89, 062110.	0.8	71
523	Interaction-Induced Quantum Phase Revivals and Evidence for the Transition to the Quantum Chaotic Regime in 1D Atomic Bloch Oscillations. Physical Review Letters, 2014, 112, 193003.	2.9	58
524	Failure of the local generalized Gibbs ensemble for integrable models with bound states. Physical Review A, 2014, 90, .	1.0	65

#	ARTICLE	IF	CITATIONS
525	Interaction quenches in the two-dimensional fermionic Hubbard model. <i>Physical Review B</i> , 2014, 89, .	1.1	22
526	Nonequilibrium quantum criticality in open systems: The dissipation rate as an additional indispensable scaling variable. <i>Physical Review B</i> , 2014, 89, .	1.1	44
527	Three species of Schrödinger cat states in an infinite-range spin model. <i>Physical Review E</i> , 2014, 90, 022104.	0.8	5
528	Dynamics of Symmetry Breaking during Quantum Real-Time Evolution in a Minimal Model System. <i>Physical Review Letters</i> , 2014, 113, 180601.	2.9	3
529	Driven dipole oscillations and the lowest-energy excitations of strongly interacting lattice bosons in a harmonic trap. <i>Physical Review A</i> , 2014, 89, .	1.0	4
530	Relaxation and thermalization in the one-dimensional Bose-Hubbard model: A case study for the interaction quantum quench from the atomic limit. <i>Physical Review A</i> , 2014, 90, .	1.0	101
531	Destruction of long-range order by quenching of the hopping range in one dimension. <i>Physical Review A</i> , 2014, 90, .	1.0	9
532	Quench-Induced Breathing Mode of One-Dimensional Bose Gases. <i>Physical Review Letters</i> , 2014, 113, 035301.	2.9	64
533	Nonequilibrium Dynamics of One-Dimensional Hard-Core Anyons Following a Quench: Complete Relaxation of One-Body Observables. <i>Physical Review Letters</i> , 2014, 113, 050601.	2.9	64
534	Quench dynamics in a model with tuneable integrability breaking. <i>Physical Review B</i> , 2014, 89, .	1.1	125
535	Quenching the Anisotropic Heisenberg Chain: Exact Solution and Generalized Gibbs Ensemble Predictions. <i>Physical Review Letters</i> , 2014, 113, 117202.	2.9	262
536	Bose-Hubbard model with occupation-parity couplings. <i>Physical Review B</i> , 2014, 89, .	1.1	3
537	Quenching the magnetic flux in a one-dimensional fermionic ring: Loschmidt echo and edge singularity. <i>Physical Review B</i> , 2014, 90, .	1.1	20
538	Split Fermi seas in one-dimensional Bose fluids. <i>Physical Review A</i> , 2014, 89, .	1.0	21
539	Entanglement spreading after a geometric quench in quantum spin chains. <i>Physical Review B</i> , 2014, 90, .	1.1	67
540	Quantum Quenches and Work Distributions in Ultralow-Density Systems. <i>Physical Review Letters</i> , 2014, 112, 070601.	2.9	25
541	On conservation laws, relaxation and pre-relaxation after a quantum quench. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P03016.	0.9	107
542	Quench echo and work statistics in integrable quantum field theories. <i>Physical Review E</i> , 2014, 90, 052102.	0.8	27

#	ARTICLE	IF	CITATIONS
543	Dynamical phase transitions, time-integrated observables, and geometry of states. <i>Physical Review B</i> , 2014, 89, .	1.1	47
544	Classical and Quantum Shortcuts to Adiabaticity for Scale-Invariant Driving. <i>Physical Review X</i> , 2014, 4, .	2.8	195
545	Solution for an interaction quench in the Lieb-Liniger Bose gas. <i>Physical Review A</i> , 2014, 89, .	1.0	198
546	Nonequilibrium dynamics of a noisy quantum Ising chain: Statistics of work and prethermalization after a sudden quench of the transverse field. <i>Physical Review B</i> , 2014, 89, .	1.1	36
547	Effect of optical-lattice heating on the momentum distribution of a one-dimensional Bose gas. <i>Physical Review A</i> , 2014, 90, .	1.0	6
548	Relaxation Dynamics of an Isolated Large-Spin Fermi Gas Far from Equilibrium. <i>Physical Review X</i> , 2014, 4, .	2.8	10
549	Noncanonical statistics of a finite quantum system with non-negligible system-bath coupling. <i>Physical Review E</i> , 2014, 90, 062125.	0.8	16
550	First-Order Dynamical Phase Transitions. <i>Physical Review Letters</i> , 2014, 113, 265702.	2.9	113
551	Stationary entanglement entropies following an interaction quench in 1D Bose gas. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P01009.	0.9	56
552	Interaction quench induced multimode dynamics of finite atomic ensembles. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 225303.	0.6	47
553	Quantum quenches, linear response and superfluidity out of equilibrium. <i>Europhysics Letters</i> , 2014, 107, 30002.	0.7	13
554	Quantum quenches with integrable pre-quench dynamics. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 402001.	0.7	47
555	Dark-ground imaging of high optical thickness atom clouds. <i>Optics Communications</i> , 2014, 324, 30-33.	1.0	3
556	Greenâ€™s Functions from Real-Time Bold-Line Monteâ€™Carlo Calculations: Spectral Properties of the Nonequilibrium Anderson Impurity Model. <i>Physical Review Letters</i> , 2014, 112, 146802.	2.9	80
557	Locality and thermalization in closed quantum systems. <i>Physical Review A</i> , 2014, 89, .	1.0	46
558	Quench dynamics of isolated many-body quantum systems. <i>Physical Review A</i> , 2014, 89, .	1.0	65
559	Quantum Quenches in the Thermodynamic Limit. <i>Physical Review Letters</i> , 2014, 112, 170601.	2.9	93
560	Quantum diffusion and thermalization at resonant tunneling. <i>Physical Review A</i> , 2014, 89, .	1.0	19



#	ARTICLE	IF	CITATIONS
561	Kinetics of Mobile Impurities and Correlation Functions in One-Dimensional Superfluids at Finite Temperature. <i>Physical Review Letters</i> , 2014, 112, 170602.	2.9	26
562	Boundary state in an integrable quantum field theory out of equilibrium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 734, 52-57.	1.5	53
563	Newton's cradle analogue with Bose-Einstein condensates. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 095303.	0.6	6
564	Phase-matching condition for enhanced entanglement of colliding indistinguishable quantum bright solitons in a harmonic trap. <i>Physical Review A</i> , 2014, 89, .	1.0	3
565	Emergence of Order from Turbulence in an Isolated Planar Superfluid. <i>Physical Review Letters</i> , 2014, 113, 165302.	2.9	105
566	Quantum Flutter: Signatures and Robustness. <i>Physical Review Letters</i> , 2014, 112, 015302.	2.9	45
567	Fate of Majorana fermions and Chern numbers after a quantum quench. <i>Physical Review E</i> , 2014, 90, 032138.	0.8	59
568	Locality, entanglement, and thermalization of isolated quantum systems. <i>Physical Review E</i> , 2014, 90, 050101.	0.8	14
569	Exactly conserved quasilocal operators for the XXZ spin chain. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P09037.	0.9	83
570	Universal Nonequilibrium Properties of Dissipative Rydberg Gases. <i>Physical Review Letters</i> , 2014, 113, 210401.	2.9	115
571	Quantum quench from a thermal tensor state: Boundary effects and generalized Gibbs ensemble. <i>Physical Review B</i> , 2014, 89, .	1.1	62
572	Splitting a critical spin chain. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P09035.	0.9	7
573	Quantum reservoirs with ion chains. <i>Physical Review A</i> , 2014, 90, .	1.0	12
574	Interaction-induced backscattering in short quantum wires. <i>Physical Review B</i> , 2014, 90, .	1.1	8
575	Non-equilibrium transport in d-dimensional non-interacting Fermi gases. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P08006.	0.9	30
576	Spontaneous emission and thermalization of cold bosons in optical lattices. <i>Physical Review A</i> , 2014, 89, .	1.0	32
577	Strength of stick-slip and creeping subduction megathrusts from heat flow observations. <i>Science</i> , 2014, 345, 1038-1041.	6.0	189
578	Stationary entropies after a quench from excited states in the Ising chain. <i>Europhysics Letters</i> , 2014, 107, 40002.	0.7	38

#	ARTICLE	IF	CITATIONS
579	Critical phenomena in one dimension from a Bethe ansatz perspective. International Journal of Modern Physics B, 2014, 28, 1430015.	1.0	12
580	A mixture of Bose and Fermi superfluids. Science, 2014, 345, 1035-1038.	6.0	227
581	Fluctuation theorems and the generalized Gibbs ensemble in integrable systems. Physical Review E, 2014, 90, 022107.	0.8	9
582	Universal power law in crossover from integrability to quantum chaos. Physical Review B, 2014, 90, .	1.1	27
583	Holographic relaxation of finite size isolated quantum systems. Journal of High Energy Physics, 2014, 2014, 1.	1.6	47
584	Normal modes and time evolution of a holographic superconductor after a quantum quench. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
585	Periodic array of Bose-Einstein condensates in a magnetic lattice. Physical Review A, 2014, 89, .	1.0	33
586	Quenching small quantum gases: Genesis of the orthogonality catastrophe. Physical Review A, 2014, 90, .	1.0	45
587	Quantum thermalization and equilibrium state with multiple temperatures. Laser Physics Letters, 2014, 11, 085501.	0.6	7
588	Out-of-equilibrium dynamics and thermalization of string order. Physical Review B, 2014, 90, .	1.1	19
589	Quantum magnetism without lattices in strongly interacting one-dimensional spinor gases. Physical Review A, 2014, 90, .	1.0	132
590	Multisoliton Newton's cradles and supersolitons in regular and parity-time-symmetric nonlinear couplers. Physical Review E, 2014, 89, 062926.	0.8	11
591	General features of the relaxation dynamics of interacting quantum systems. New Journal of Physics, 2014, 16, 063010.	1.2	65
592	Correlations after Quantum Quenches in the $X^2 + Z^2$ Spin Chain: Failure of the Generalized Gibbs Ensemble. Physical Review Letters, 2014, 113, 117203.	2.9	245
593	Relaxation after quantum quenches in the spin- $\frac{1}{2}$ XXZ chain. Physical Review B, 2014, 89, .	1.4	16
594	Topological blocking in quantum quench dynamics. Physical Review B, 2014, 89, .	1.1	32
595	Quench Dynamics of the Anisotropic Heisenberg Model. Physical Review Letters, 2014, 112, 257204.	2.9	53
596	Simulating Zeno physics by a quantum quench with superconducting circuits. Physical Review A, 2014, 89, .	1.0	11

#	ARTICLE	IF	CITATIONS
597	Fluctuation-dissipation theorem in isolated quantum systems out of equilibrium. Journal of Physics: Conference Series, 2014, 510, 012035.	0.3	1
598	Exact quantum dynamics of yrast states in the finite 1D Bose gas. Journal of Physics: Conference Series, 2014, 497, 012030.	0.3	3
599	Light-cone effect and relaxation after a quantum quench from excited states in the Ising chain. Journal of Physics: Conference Series, 2014, 566, 012026.	0.3	1
600	Clusters of bound particles in a quantum integrable many-body system and number theory. Journal of Physics: Conference Series, 2014, 563, 012003.	0.3	1
601	Quenching the XXZ spin chain: quench action approach versus generalized Gibbs ensemble. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P04001.	0.9	91
602	Asymptotic work statistics of periodically driven Ising chains. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P08030.	0.9	34
603	Pre-relaxation in weakly interacting models. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P07012.	0.9	41
604	Repulsive-to-attractive interaction quenches of a one-dimensional Bose gas in a harmonic trap. Physical Review A, 2015, 91, .	1.0	15
605	Breakdown of local convertibility through Majorana modes in a quantum quench. Physical Review A, 2015, 91, .	1.0	4
606	Prethermalization and glassiness in the bosonic Hubbard model. Physical Review A, 2015, 91, .	1.0	7
607	Equilibration and approximate conservation laws: Dipole oscillations and perfect drag of ultracold atoms in a harmonic trap. Physical Review A, 2015, 91, .	1.0	7
608	Dynamic structure factor and drag force in a one-dimensional strongly interacting Bose gas at finite temperature. Physical Review A, 2015, 91, .	1.0	19
609	Drag dynamics in one-dimensional Fermi systems. Physical Review A, 2015, 92, .	1.0	0
610	Bose-Hubbard ladder subject to effective magnetic field: Quench dynamics in a harmonic trap. Physical Review A, 2015, 92, .	1.0	15
611	Quantum impurity in a one-dimensional trapped Bose gas. Physical Review A, 2015, 92, .	1.0	51
612	Dynamical symmetry and pair tunneling in a one-dimensional Bose gas colliding with a mobile impurity. Physical Review A, 2015, 92, .	1.0	3
613	Relaxation dynamics of ultracold bosons in a double-well potential: Thermalization and prethermalization in a nearly integrable model. Physical Review A, 2015, 92, .	1.0	6
614	Mesoscopic superpositions of Tonks-Girardeau states and the Bose-Fermi mapping. Physical Review A, 2015, 92, .	1.0	15

#	ARTICLE	IF	CITATIONS
615	Propagation of a quantum fluid of light in a cavityless nonlinear optical medium: General theory and response to quantum quenches. Physical Review A, 2015, 92, .	1.0	51
616	Sudden expansion and domain-wall melting of strongly interacting bosons in two-dimensional optical lattices and on multileg ladders. Physical Review A, 2015, 92, .	1.0	17
617	Dynamical depinning of a Tonks-Girardeau gas. Physical Review A, 2015, 92, .	1.0	12
618	Universal scaling of density and momentum distributions in Lieb-Liniger gases. Physical Review A, 2015, 92, .	1.0	42
619	Eigenstate thermalization hypothesis and integrability in quantum spin chains. Physical Review B, 2015, 91, .	1.1	102
620	Topological classification of dynamical phase transitions. Physical Review B, 2015, 91, .	1.1	152
621	Equilibration in a chiral Luttinger liquid. Physical Review B, 2015, 91, .	1.1	10
622	Decay of the Kohn mode in hydrodynamic regime. Physical Review B, 2015, 92, .	1.1	1
623	Non-Markovian effects in electronic and spin transport. Physical Review B, 2015, 92, .	1.1	30
624	Universal postquench coarsening and aging at a quantum critical point. Physical Review B, 2015, 92, .	1.1	24
625	Quantum quench within the gapless phase of the $\text{spin-1 XXZ}$ spin chain. Physical Review B, 2015, 92, .	1.1	44
626	Equilibration and generalized Gibbs ensemble for hard wall boundary conditions. Physical Review B, 2015, 92, .	1.1	18
627	Quench dynamics of Anderson impurity model using configuration interaction method. Physical Review B, 2015, 92, .	1.1	6
628	Pulse dynamics of quantum systems with pairing. Physical Review B, 2015, 92, .	1.1	14
629	Edge exponents in work statistics out of equilibrium and dynamical phase transitions from scattering theory in one-dimensional gapped systems. Physical Review B, 2015, 92, .	1.1	31
630	Entropy for quantum pure states and quantum Htheorem. Physical Review E, 2015, 91, 062106.	0.8	20
631	How accurately can the microcanonical ensemble describe small isolated quantum systems?. Physical Review E, 2015, 92, 020102.	0.8	13
632	Stationary ensemble approximations of dynamic quantum states: Optimizing the generalized Gibbs ensemble. Physical Review E, 2015, 92, 022123.	0.8	11

#	ARTICLE	IF	CITATIONS
633	Exact work statistics of quantum quenches in the anisotropicXYmodel. Physical Review E, 2015, 92, 032142.	0.8	19
634	Quantum recurrences in a one-dimensional gas of impenetrable bosons. Physical Review E, 2015, 92, 042164.	0.8	1
635	Self-similar nonequilibrium dynamics of a many-body system with power-law interactions. Physical Review E, 2015, 92, 062144.	0.8	11
636	Probing the Excitations of a Lieb-Liniger Gas from Weak to Strong Coupling. Physical Review Letters, 2015, 115, 085301.	2.9	95
637	Absence of Orthogonality Catastrophe after a Spatially Inhomogeneous Interaction Quench in Luttinger Liquids. Physical Review Letters, 2015, 115, 096403.	2.9	7
638	Dynamical Quasicondensation of Hard-Core Bosons at Finite Momenta. Physical Review Letters, 2015, 115, 175301.	2.9	76
639	Expansion Potentials for Exact Far-from-Equilibrium Spreading of Particles and Energy. Physical Review Letters, 2015, 115, 267201.	2.9	33
640	Climbers of a Quantum KAM Theorem: Insights from Quantum Quenches in One-Dimensional Bose Gases. Physical Review X, 2015, 5, .	2.8	79
641	Emerging Quantum Order in an Expanding Gas. Physics Magazine, 2015, 8, .	0.1	0
642	Few-boson processes in the presence of an attractive impurity under one-dimensional confinement. Physical Review A, 2015, 92, .	1.0	8
643	Thermodynamic equilibrium as a symmetry of the Schwinger-Keldysh action. Physical Review B, 2015, 92, .	1.1	59
644	Quasi-soliton scattering in quantum spin chains. Physical Review B, 2015, 92, .	1.1	23
645	Recurrence Time in the Quantum Dynamics of the 1D Bose Gas. Journal of the Physical Society of Japan, 2015, 84, 064002.	0.7	13
646	Quantum magnetism in strongly interacting one-dimensional spinor Bose systems. Scientific Reports, 2015, 5, 10675.	1.6	43
647	Relaxation timescales and prethermalization in $d$ -dimensional long-range quantum spin models. Physica Scripta, 2015, T165, 014039.	1.2	6
648	Thermalization of Green functions and quasinormal modes. Journal of High Energy Physics, 2015, 2015, 1.	1.6	10
649	Holographic thermalization of charged operators. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
650	Kinetic theory for interacting Luttinger liquids. European Physical Journal D, 2015, 69, 1.	0.6	10

#	ARTICLE	IF	CITATIONS
651	Thermalization of strongly interacting bosons after spontaneous emissions in optical lattices. EPJ Quantum Technology, 2015, 2, .	2.9	10
652	Exact formulas for the form factors of local operators in the Lieb–Liniger model. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 454002.	0.7	26
653	Low temperature dynamics of nonlinear Luttinger liquids. New Journal of Physics, 2015, 17, 103003.	1.2	22
654	Quantum simulation of expanding space–time with tunnel-coupled condensates. New Journal of Physics, 2015, 17, 125007.	1.2	12
655	Locality of temperature in spin chains. New Journal of Physics, 2015, 17, 085007.	1.2	20
656	Enhanced oscillation lifetime of a Bose–Einstein condensate in the 3D/1D crossover. New Journal of Physics, 2015, 17, 093041.	1.2	8
657	Non-equilibrium dynamics of isolated quantum systems. EPJ Web of Conferences, 2015, 90, 08001.	0.1	2
658	Relaxation of magnetic systems after sudden magnetic field changes. Low Temperature Physics, 2015, 41, 730-732.	0.2	6
659	Energy flow in quantum critical systems far from equilibrium. Nature Physics, 2015, 11, 509-514.	6.5	78
660	Dynamical symmetries and crossovers in a three-spin system with collective dissipation. New Journal of Physics, 2015, 17, 015010.	1.2	7
661	Non-equilibrium Dynamics of One-Dimensional Bose Gases. Springer Theses, 2015, , .	0.0	6
662	Generalized Gibbs ensembles for quantum field theories. Physical Review A, 2015, 91, .	1.0	120
663	Introduction to One-Dimensional Bose Gases. Springer Theses, 2015, , 1-37.	0.0	0
664	Dynamics and noise correlations in the expansion of one-dimensional anyon gases from a regular array. European Physical Journal Plus, 2015, 130, 1.	1.2	2
665	Far-from-Equilibrium Field Theory of Many-Body Quantum Spin Systems: Prethermalization and Relaxation of Spin Spiral States in Three Dimensions. Physical Review X, 2015, 5, .	2.8	72
666	Relaxation dynamics of local observables in integrable systems. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 43FT01.	0.7	56
667	Ultracold Atoms Out of Equilibrium. Annual Review of Condensed Matter Physics, 2015, 6, 201-217.	5.2	228
668	Geometry of Quantum Observables and Thermodynamics of Small Systems. Physical Review Letters, 2015, 114, 060401.	2.9	14

#	ARTICLE	IF	CITATIONS
669	The second law of thermodynamics under unitary evolution and external operations. <i>Annals of Physics</i> , 2015, 354, 338-352.	1.0	33
670	Quantum distillation and confinement of vacancies in a doublon sea. <i>Nature Physics</i> , 2015, 11, 316-320.	6.5	36
671	Observation of coherent quench dynamics in a metallic many-body state of fermionic atoms. <i>Nature Communications</i> , 2015, 6, 6009.	5.8	30
672	Quantum many-body systems out of equilibrium. <i>Nature Physics</i> , 2015, 11, 124-130.	6.5	880
673	Relevance of the eigenstate thermalization hypothesis for thermal relaxation. <i>Physical Review E</i> , 2015, 91, 012120.	0.8	44
674	Dynamical phases in quenched spin-orbit-coupled degenerate Fermi gas. <i>Nature Communications</i> , 2015, 6, 6103.	5.8	36
675	Entanglement entropy of non-unitary conformal field theory. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015, 48, 04FT01.	0.7	67
677	Nonequilibrium dynamics of coupled Luttinger liquids. <i>Physical Review A</i> , 2015, 91, .	1.0	28
678	Sub-micron period lattice structures of magnetic microtraps for ultracold atoms on an atom chip. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 115002.	1.3	18
679	Center conditions in a switching Bautin system. <i>Journal of Differential Equations</i> , 2015, 259, 1203-1226.	1.1	33
680	Universal dynamics of a soliton after an interaction quench. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015, 48, 28FT01.	0.7	19
681	Lower bounds for ballistic current and noise in non-equilibrium quantum steady states. <i>Nuclear Physics B</i> , 2015, 892, 190-210.	0.9	23
682	Theory of temporal fluctuations in isolated quantum systems. <i>International Journal of Modern Physics B</i> , 2015, 29, 1530008.	1.0	7
683	Short-time universal scaling in an isolated quantum system after a quench. <i>Physical Review B</i> , 2015, 91, .	1.1	69
684	Propagation of a single-hole defect in the one-dimensional Bose-Hubbard model. <i>Physical Review B</i> , 2015, 91, .	1.1	12
685	Quantum thermalization: anomalous slow relaxation due to percolation-like dynamics. <i>New Journal of Physics</i> , 2015, 17, 023071.	1.2	9
686	Isolated Quantum Systems Out of Equilibrium. Springer Theses, 2015, , 67-74.	0.0	0
687	Effect of Inter-particle Interactions on Pair Correlations of One-Dimensional Anyon Gases. <i>Journal of Low Temperature Physics</i> , 2015, 181, 49-58.	0.6	2

#	ARTICLE	IF	CITATIONS
688	Temporal non-equilibrium dynamics of a Bose-Josephson junction in presence of incoherent excitations. <i>New Journal of Physics</i> , 2015, 17, 013006.	1.2	8
689	Time-delayed feedback control of the Dicke-Hepp-Lieb superradiant quantum phase transition. <i>New Journal of Physics</i> , 2015, 17, 013040.	1.2	25
690	Radio-frequency spectroscopy of a linear array of Bose-Einstein condensates in a magnetic lattice. <i>Physical Review A</i> , 2015, 91, .	1.0	7
691	Understanding many-body physics in one dimension from the Lieb-Liniger model. <i>Chinese Physics B</i> , 2015, 24, 050311.	0.7	40
692	Time Evolution of the Magnetic Chains with Uniaxial Anisotropy. <i>Acta Physica Polonica A</i> , 2015, 127, 333-335.	0.2	2
693	Interaction quantum quenches in the one-dimensional Fermi-Hubbard model with spin imbalance. <i>Physical Review A</i> , 2015, 91, .	1.0	16
694	Sudden Expansion of a One-Dimensional Bose Gas from Power-Law Traps. <i>Physical Review Letters</i> , 2015, 114, 125302.	2.9	37
695	Loading and detecting a three-dimensional Fermi gas in a one-dimensional optical superlattice. <i>Physical Review A</i> , 2015, 91, .	1.0	3
696	How to calculate quantum quench distributions with a weighted Wang-Landau Monte Carlo. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P06009.	0.9	0
697	Stationary states in a free fermionic chain from the quench action method. <i>Physical Review A</i> , 2015, 91, .	1.0	56
698	Relaxation dynamics of the Lieb-Liniger gas following an interaction quench: A coordinate Bethe-ansatz analysis. <i>Physical Review A</i> , 2015, 91, .	1.0	30
699	Fate of a gray soliton in a quenched Bose-Einstein condensate. <i>Physical Review A</i> , 2015, 91, .	1.0	15
700	Coexistence of energy diffusion and local thermalization in nonequilibrium XXZ spin chains with integrability breaking. <i>Physical Review E</i> , 2015, 91, 042129.	0.8	29
701	Correlated quantum dynamics of a single atom collisionally coupled to an ultracold finite bosonic ensemble. <i>New Journal of Physics</i> , 2015, 17, 053001.	1.2	17
702	Dynamical phase transition in the open Dicke model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3290-3295.	3.3	228
703	Two-dimensional superexchange-mediated magnetization dynamics in an optical lattice. <i>Science</i> , 2015, 348, 540-544.	6.0	43
704	Non-equilibrium scale invariance and shortcuts to adiabaticity in a one-dimensional Bose gas. <i>Scientific Reports</i> , 2015, 5, 9820.	1.6	48
705	Quantum Many-Body Physics of Ultracold Molecules in Optical Lattices. <i>Springer Theses</i> , 2015, , .	0.0	8



#	ARTICLE	IF	CITATIONS
706	Emergent Timescales in Entangled Quantum Dynamics of Ultracold Molecules in Optical Lattices. Springer Theses, 2015, , 55-91.	0.0	0
707	Numerical operator method for the real-time dynamics of strongly correlated quantum impurity systems far from equilibrium. Physical Review B, 2015, 91, .	1.1	4
708	Quantum revivals and many-body localization. Physical Review B, 2015, 91, .	1.1	98
709	Wavefunction exchange and entanglement in one-dimensional collisions. American Journal of Physics, 2015, 83, 305-312.	0.3	4
710	Nonlocal probes of thermalization in holographic quenches with spectral methods. Journal of High Energy Physics, 2015, 2015, 1.	1.6	32
711	Assembling a complex quantum ensemble. Science, 2015, 348, 185-186.	6.0	1
712	Experimental observation of a generalized Gibbs ensemble. Science, 2015, 348, 207-211.	6.0	439
713	Entanglement pre-thermalization in a one-dimensional Bose gas. Nature Physics, 2015, 11, 1050-1056.	6.5	29
714	Observation of a persistent non-equilibrium state in cold atoms. Nature Physics, 2015, 11, 1009-1012.	6.5	33
715	Boltzmann avenged. Nature Physics, 2015, 11, 988-988.	6.5	5
716	Effective temperature from fluctuation-dissipation theorem in systems with bipartite eigenmode entanglement. Physical Review B, 2015, 91, .	1.1	2
717	Observation of many-body localization of interacting fermions in a quasirandom optical lattice. Science, 2015, 349, 842-845.	6.0	1,222
718	Dynamical quantum phase transitions in the Kitaev honeycomb model. Physical Review B, 2015, 92, .	1.1	100
719	Thermalization in a periodically driven fully connected quantum Ising ferromagnet. Europhysics Letters, 2015, 110, 37005.	0.7	33
720	Expansion dynamics of Fermi atoms in optical lattice. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2430-2433.	0.9	0
721	Energy and momentum transfer in one-dimensional trapped gases by stimulated light scattering. New Journal of Physics, 2015, 17, 063012.	1.2	0
722	Five is More: Comments on Symmetry, Integrability, and Solvability for a Few Particles in a One-Dimensional Trap. EPJ Web of Conferences, 2016, 113, 02007.	0.1	1
723	Exploring the few- to many-body crossover using cold atoms in one dimension. EPJ Web of Conferences, 2016, 113, 01002.	0.1	30

#	ARTICLE	IF	CITATIONS
724	Effective time reversal and echo dynamics in the transverse field Ising model. Europhysics Letters, 2016, 115, 50001.	0.7	8
725	Laser assisted tunneling in a Tonks-Girardeau gas. New Journal of Physics, 2016, 18, 095002.	1.2	2
726	Quantum states of dark solitons in the 1D Bose gas. New Journal of Physics, 2016, 18, 075008.	1.2	30
727	The effect of an external magnetic field pulse on a magnetically ordered system at low temperatures. Low Temperature Physics, 2016, 42, 286-289.	0.2	1
728	Spreading of correlations in exactly solvable quantum models with long-range interactions in arbitrary dimensions. New Journal of Physics, 2016, 18, 093002.	1.2	44
729	Realistic Many-Body Quantum Systems vs. Full Random Matrices: Static and Dynamical Properties. Entropy, 2016, 18, 359.	1.1	39
730	Planar quantum quenches: computation of exact time-dependent correlation functions at large $N$ . Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 083107.	0.9	6
731	A More Efficient Way to Describe Interacting Quantum Particles in 1D. Physics Magazine, 2016, 9, .	0.1	5
732	Ergodic dynamics and thermalization in an isolated quantum system. Nature Physics, 2016, 12, 1037-1041.	6.5	208
733	Equilibration and GGE in interacting-to-free quantum quenches in dimensions $d \geq 1$ . Journal of Physics A: Mathematical and Theoretical, 2016, 49, 095002.	0.7	21
734	Nonequilibrium statistical mechanics in one-dimensional Bose gases. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 063303.	0.9	6
735	Local conservation laws in spin- $\frac{1}{2}$ XY chains with open boundary conditions. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 063105.	0.9	19
736	Quench dynamics and relaxation in isolated integrable quantum spin chains. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 064002.	0.9	413
737	Quantum quenches in the Luttinger model and its close relatives. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 064004.	0.9	60
738	Thermalization in Many-Particle Quantum Walks. Open Systems and Information Dynamics, 2016, 23, 1650002.	0.5	2
739	Tunable self-assembled spin chains of strongly interacting cold atoms for demonstration of reliable quantum state transfer. New Journal of Physics, 2016, 18, 045011.	1.2	20
740	Observation of quantum equilibration in dilute Bose gases. Physical Review A, 2016, 94, .	1.0	5
741	An interpolatory ansatz captures the physics of one-dimensional confined Fermi systems. Scientific Reports, 2016, 6, 28362.	1.6	17

#	ARTICLE	IF	CITATIONS
742	Probing the out-of-equilibrium dynamics of two interacting atoms. <i>Physical Review A</i> , 2016, 94, .	1.0	13
743	Emergent Hydrodynamics in Integrable Quantum Systems Out of Equilibrium. <i>Physical Review X</i> , 2016, 6, .	2.8	446
744	Slow relaxation and sensitivity to disorder in trapped lattice fermions after a quench. <i>Physical Review A</i> , 2016, 94, .	1.0	3
745	Quench dynamics in confined 1 + 1-dimensional systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 12LT01.	0.7	2
746	Hydrodynamic versus collisionless dynamics of a one-dimensional harmonically trapped Bose gas. <i>Physical Review A</i> , 2016, 94, .	1.0	14
747	Dynamical quantum phase transitions (Review Article). <i>Low Temperature Physics</i> , 2016, 42, 971-994.	0.2	95
748	Anisotropic collisions of dipolar Bose-Einstein condensates in the universal regime. <i>New Journal of Physics</i> , 2016, 18, 113004.	1.2	12
749	Hydrodynamics of local excitations after an interaction quench in 1D cold atomic gases. <i>New Journal of Physics</i> , 2016, 18, 115003.	1.2	12
750	Sudden jumps and plateaus in the quench dynamics of a Bloch state. <i>Europhysics Letters</i> , 2016, 116, 10008.	0.7	17
751	Stability of quantum statistical ensembles with respect to local measurements. <i>Physical Review E</i> , 2016, 94, 062106.	0.8	6
752	Microcanonical and resource-theoretic derivations of the thermal state of a quantum system with noncommuting charges. <i>Nature Communications</i> , 2016, 7, 12051.	5.8	87
753	Kibble-Zurek scaling in periodically driven quantum systems. <i>Europhysics Letters</i> , 2016, 115, 30006.	0.7	22
754	Yang-Baxter integrable models in experiments: from condensed matter to ultracold atoms. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 173001.	0.7	47
755	Comparing models for the ground state energy of a trapped one-dimensional Fermi gas with a single impurity. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 125305.	0.6	12
756	Equilibration, thermalisation, and the emergence of statistical mechanics in closed quantum systems. <i>Reports on Progress in Physics</i> , 2016, 79, 056001.	8.1	633
757	Nonequilibrium dynamics of the Ising chain in a fluctuating transverse field. <i>Physical Review B</i> , 2016, 93, .	1.1	6
758	Impenetrable mass-imbalanced particles in one-dimensional harmonic traps. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 085301.	0.6	30
759	The quench action approach in finite integrable spin chains. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 043105.	0.9	32

#	ARTICLE	IF	CITATIONS
760	Momentum distributions and numerical methods for strongly interacting one-dimensional spinor gases. <i>Physical Review A</i> , 2016, 94, .	1.0	33
761	Extensive increase of entropy in quantum quench. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 444003.	0.7	3
762	CONANâ€™The cruncher of local exchange coefficients for strongly interacting confined systems in one dimension. <i>Computer Physics Communications</i> , 2016, 209, 171-182.	3.0	25
763	Cluster expansion for ground states of local Hamiltonians. <i>Nuclear Physics B</i> , 2016, 909, 1020-1078.	0.9	7
764	Quantum impurity in a Luttinger liquid: Exact solution of the Kane-Fisher model. <i>Physical Review B</i> , 2016, 94, .	1.1	14
765	Determination of the Nonequilibrium Steady State Emerging from a Defect. <i>Physical Review Letters</i> , 2016, 117, 130402.	2.9	64
766	Memory-preserving equilibration after a quantum quench in a one-dimensional critical model. <i>Physical Review A</i> , 2016, 94, .	1.0	40
767	From quantum chaos and eigenstate thermalization to statistical mechanics and thermodynamics. <i>Advances in Physics</i> , 2016, 65, 239-362.	35.9	1,385
768	Magnetic lattices for ultracold atoms and degenerate quantum gases. <i>Science Bulletin</i> , 2016, 61, 1097-1106.	4.3	12
769	Destruction of string order after a quantum quench. <i>Physical Review B</i> , 2016, 94, .	1.1	16
770	Typical pure nonequilibrium steady states and irreversibility for quantum transport. <i>Physical Review E</i> , 2016, 94, 012146.	0.8	4
771	Exact steady states for quantum quenches in integrable Heisenberg spin chains. <i>Physical Review B</i> , 2016, 94, .	1.1	71
772	Scaling in driven dynamics starting in the vicinity of a quantum critical point. <i>Physical Review B</i> , 2016, 94, .	1.1	7
773	Out-of-equilibrium density dynamics of a quenched fermionic system. <i>Physical Review B</i> , 2016, 94, .	1.1	23
774	Northward migration of the eastern Himalayan syntaxis revealed by OSL thermochronometry. <i>Science</i> , 2016, 353, 800-804.	6.0	92
775	Quantum thermalization through entanglement in an isolated many-body system. <i>Science</i> , 2016, 353, 794-800.	6.0	748
776	Local correlations in the attractive one-dimensional Bose gas: From Bethe ansatz to the Gross-Pitaevskii equation. <i>Physical Review A</i> , 2016, 94, .	1.0	21
777	Synthetic-gauge-field-induced resonances and Fulde-Ferrell-Larkin-Ovchinnikov states in a one-dimensional optical lattice. <i>Physical Review A</i> , 2016, 94, .	1.0	6

#	ARTICLE	IF	CITATIONS
778	Prethermalization and thermalization of a quenched interacting Luttinger liquid. <i>Physical Review A</i> , 2016, 94, .	1.0	22
779	Quantum non-equilibrium dynamics of Rydberg gases in the presence of dephasing noise of different strengths. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 184003.	0.6	8
780	Soliton splitting in quenched classical integrable systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 335201.	0.7	7
781	Unveiling hidden structure of many-body wave functions of integrable systems via sudden-expansion experiments. <i>Physical Review A</i> , 2016, 93, .	1.0	15
782	Long-lived states with well-defined spins in spin-1/2 homogeneous Bose gases. <i>Physical Review A</i> , 2016, 93, .	1.0	5
783	Information propagation and equilibration in long-range Kitaev chains. <i>Physical Review A</i> , 2016, 93, .	1.0	43
784	Bouncing motion and penetration dynamics in multicomponent Bose-Einstein condensates. <i>Physical Review A</i> , 2016, 93, .	1.0	16
785	Postquench dynamics and prethermalization in a resonant Bose gas. <i>Physical Review A</i> , 2016, 93, .	1.0	24
786	Survival of time-evolved quantum correlations depending on whether quenching is across a critical point in an XY spin chain. <i>Physical Review A</i> , 2016, 93, .	1.0	7
787	Single-atom thermometer for ultracold gases. <i>Physical Review A</i> , 2016, 93, .	1.0	43
788	Dynamics of a coupled spin-vortex pair in dipolar spinor Bose-Einstein condensates. <i>Physical Review A</i> , 2016, 93, .	1.0	10
789	Quench dynamics of a Bose-Einstein condensate under synthetic spin-orbit coupling. <i>Physical Review A</i> , 2016, 93, .	1.0	1
790	Long-lived binary tunneling spectrum in the quantum Hall Tomonaga-Luttinger liquid. <i>Physical Review B</i> , 2016, 93, .	1.1	15
791	Quantum quench dynamics in the transverse field Ising model at nonzero temperatures. <i>Physical Review B</i> , 2016, 93, .	1.1	59
792	Formation probabilities and Shannon information and their time evolution after quantum quench in the transverse-field XY chain. <i>Physical Review B</i> , 2016, 93, .	1.1	16
793	Scaling behavior of quantum critical relaxation dynamics of a system in a heat bath. <i>Physical Review B</i> , 2016, 93, .	1.1	18
794	Shock waves, rarefaction waves, and nonequilibrium steady states in quantum critical systems. <i>Physical Review D</i> , 2016, 94, .	1.6	21
795	Stroboscopic prethermalization in weakly interacting periodically driven systems. <i>Physical Review E</i> , 2016, 93, 012130.	0.8	70

#	ARTICLE	IF	CITATIONS
796	Generalized Gibbs ensemble in a nonintegrable system with an extensive number of local symmetries. Physical Review E, 2016, 93, 032116.	0.8	21
797	Quantum quenches in the sine-Gordon model: A semiclassical approach. Physical Review E, 2016, 93, 062101.	0.8	37
798	Edge mode dynamics of quenched topological wires. Physical Review E, 2016, 93, 062117.	0.8	23
799	Cooling of a One-Dimensional Bose Gas. Physical Review Letters, 2016, 116, 030402.	2.9	48
800	Momentum-Space Correlations of a One-Dimensional Bose Gas. Physical Review Letters, 2016, 116, 050402.	2.9	36
801	Multiparticle Bound-State Formation following a Quantum Quench to the One-Dimensional Bose Gas with Attractive Interactions. Physical Review Letters, 2016, 116, 070408.	2.9	80
802	Fundamental Asymmetry in Quenches Between Integrable and Nonintegrable Systems. Physical Review Letters, 2016, 116, 100601.	2.9	52
803	Motion of a Distinguishable Impurity in the Bose Gas: Arrested Expansion Without a Lattice and Impurity Snaking. Physical Review Letters, 2016, 116, 145302.	2.9	26
804	Quantum entanglement and Hawking temperature. European Physical Journal C, 2016, 76, 1.	1.4	3
805	Probing Klein tunnelling through quantum quenches. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 025002.	0.7	2
806	Introduction to "Quantum Integrability in Out of Equilibrium Systems"™. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 064001.	0.9	193
807	Quantum quenches in 1+1 dimensional conformal field theories. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 064003.	0.9	223
808	One-dimensional ultracold atomic gases: Impact of the effective range on integrability. Physical Review A, 2016, 93, .	1.0	4
809	Solitons riding on solitons and the quantum Newton's cradle. Physical Review E, 2016, 93, 022202.	0.8	13
810	Nonequilibrium current-carrying steady states in the anisotropic $X$ - $Y$ chain. Physical Review E, 2016, 93, 052136.	0.8	15
811	Separation of Time Scales in a Quantum Newton's Cradle. Physical Review Letters, 2016, 116, 225302.	2.9	34
812	Hamiltonian truncation approach to quenches in the Ising field theory. Nuclear Physics B, 2016, 911, 805-845.	0.9	59
813	Transport in Out-of-Equilibrium $X$ - $Z$ Chains: Exact Profiles of Charges and Currents. Physical Review Letters, 2016, 117, 207201.	2.9	474

#	ARTICLE	IF	CITATIONS
814	Quasilocal charges in integrable lattice systems. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 064008.	0.9	202
815	Non-equilibrium dynamics of an ultracold Bose gas under multi-pulsed interaction quenches. Modern Physics Letters B, 2016, 30, 1650367.	1.0	1
816	Generalized Gibbs ensemble in integrable lattice models. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 064007.	0.9	438
817	Average diagonal entropy in nonequilibrium isolated quantum systems. Physical Review E, 2016, 94, 012122.	0.8	7
818	Experimental realization of the Yang-Baxter Equation via NMR interferometry. Scientific Reports, 2016, 6, 20789.	1.6	23
819	Universal transport dynamics in a quenched tunnel-coupled Luttinger liquid. Physical Review B, 2016, 94, .	1.1	7
820	The Quench Action. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 064006.	0.9	147
821	Quench field sensitivity of two-particle correlation in a Hubbard model. Scientific Reports, 2016, 6, 27189.	1.6	2
822	Quench dynamics of the spin-imbalanced Fermi-Hubbard model in one dimension. Physical Review A, 2016, 94, .	1.0	11
823	Equilibration of quantum gases. New Journal of Physics, 2016, 18, 073014.	1.2	7
824	Universal corrections to entanglement entropy of local quantum quenches. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
825	Prethermalization and universal dynamics in near-integrable quantum systems. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 064009.	0.9	162
826	Equilibration properties of classical integrable field theories. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 064011.	0.9	59
827	Stationary State After a Quench to the Lieb-Liniger from Rotating BECs. Journal of Statistical Physics, 2016, 164, 621-644.	0.5	25
828	Linear ramps of the mass in the $\phi^4$ model: Dynamical transition and quantum noise of excitations. Physical Review B, 2016, 94, .	1.3	13
829	Prethermalization from a low-density Holstein-Primakoff expansion. Physical Review B, 2016, 94, .	1.1	21
830	Entanglement of an impurity in a few-body one-dimensional ideal Bose system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 075303.	0.6	14
831	Correlation properties of a three-body bosonic mixture in a harmonic trap. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 135301.	0.6	12

#	ARTICLE	IF	CITATIONS
832	Prethermalization in a quenched one-dimensional quantum fluid of light. <i>European Physical Journal D</i> , 2016, 70, 1.	0.6	12
833	Many-body localization in a quantum simulator with programmable random disorder. <i>Nature Physics</i> , 2016, 12, 907-911.	6.5	657
834	Role of trap-induced scales in non-equilibrium dynamics of strongly interacting trapped bosons. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 30LT01.	0.7	1
835	Generalized microcanonical and Gibbs ensembles in classical and quantum integrable dynamics. <i>Annals of Physics</i> , 2016, 367, 288-296.	1.0	15
836	Initial states in integrable quantum field theory quenches from an integral equation hierarchy. <i>Nuclear Physics B</i> , 2016, 902, 508-547.	0.9	43
837	Spreading in integrable and non-integrable many-body systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 461, 683-693.	1.2	3
838	A coordinate Bethe ansatz approach to the calculation of equilibrium and nonequilibrium correlations of the one-dimensional Bose gas. <i>New Journal of Physics</i> , 2016, 18, 045010.	1.2	21
839	Quench dynamics in two-dimensional integrable SUSY models. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 033115.	0.9	6
840	Overlap distributions for quantum quenches in the anisotropic Heisenberg chain. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 013104.	0.9	39
841	Perspective on quantum thermodynamics. <i>New Journal of Physics</i> , 2016, 18, 011002.	1.2	143
842	Computation of local exchange coefficients in strongly interacting one-dimensional few-body systems: local density approximation and exact results. <i>European Physical Journal D</i> , 2016, 70, 1.	0.6	8
843	Optimization of phonon dynamics protocols in ion traps. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 055502.	0.6	2
844	Thermalization of Bipartite Bose-Hubbard Models. <i>Journal of Physical Chemistry A</i> , 2016, 120, 3136-3141.	1.1	6
845	Ultracold bosons with short-range interaction in regular optical lattices. <i>Physics Reports</i> , 2016, 607, 1-101.	10.3	80
846	Highly conductive polymer/metal/carbon nanotube composite fiber prepared by the melt-spinning process. <i>Textile Research Journal</i> , 2017, 87, 593-606.	1.1	29
847	On the theory of quantum quenches in near-critical systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 084004.	0.7	43
848	From the quantum transfer matrix to the quench action: the Loschmidt echo in $XXZ$ Heisenberg spin chains. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 023106.	0.9	56
849	Twisting Anderson pseudospins with light: Quench dynamics in terahertz-pumped BCS superconductors. <i>Physical Review B</i> , 2017, 95, .	1.1	44



#	ARTICLE	IF	CITATIONS
850	Quasiparticle explanation of the weak-thermalization regime under quench in a nonintegrable quantum spin chain. <i>Physical Review A</i> , 2017, 95, .	1.0	47
851	Nonequilibrium effects on charge and energy partitioning after an interaction quench. <i>Physical Review B</i> , 2017, 95, .	1.1	14
852	Entanglement prethermalization in an interaction quench between two harmonic oscillators. <i>Physical Review E</i> , 2017, 95, 022129.	0.8	5
853	Approximate light cone effects in a nonrelativistic quantum field theory after a local quench. <i>Physical Review B</i> , 2017, 95, .	1.1	24
854	Comparing numerical and analytical approaches to strongly interacting two-component mixtures in one dimensional traps. <i>European Physical Journal D</i> , 2017, 71, 1.	0.6	16
855	Gaussian ensemble for quantum integrable dynamics. <i>Annals of Physics</i> , 2017, 381, 107-120.	1.0	4
856	Energy sharing induced by the nonlinear interaction. <i>Chinese Physics B</i> , 2017, 26, 013401.	0.7	1
857	Quasilocal charges and progress towards the complete GGE for field theories with nondiagonal scattering. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 023101.	0.9	36
858	Universal dynamical phase diagram of lattice spin models and strongly correlated ultracold atoms in optical lattices. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 124001.	0.6	2
859	Total correlations of the diagonal ensemble as a generic indicator for ergodicity breaking in quantum systems. <i>Physical Review B</i> , 2017, 95, .	1.1	8
860	Ultracold bosons in a one-dimensional optical lattice chain: Newton's cradle and Bose enhancement effect. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 1665-1669.	0.9	1
861	Inelastic collisions of ultracold triplet Rb2 molecules in the rovibrational ground state. <i>Nature Communications</i> , 2017, 8, 14854.	5.8	17
862	Numerical linked cluster expansions for quantum quenches in one-dimensional lattices. <i>Physical Review E</i> , 2017, 95, 033302.	0.8	15
863	From interacting particles to equilibrium statistical ensembles. <i>Physical Review B</i> , 2017, 95, .	1.1	56
864	Thermalization rates in the one-dimensional Hubbard model with next-to-nearest neighbor hopping. <i>Physical Review B</i> , 2017, 95, .	1.1	12
865	Quench-induced entanglement and relaxation dynamics in Luttinger liquids. <i>Physical Review B</i> , 2017, 96, .	1.1	20
866	Return probability after a quench from a domain wall initial state in the spin-1/2 XXZ chain. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 103108.	0.9	42
867	Collective many-body bounce in the breathing-mode oscillations of a Tonks-Girardeau gas. <i>Physical Review A</i> , 2017, 96, .	1.0	21

#	ARTICLE	IF	CITATIONS
868	Integrable Families of Hard-Core Particles with Unequal Masses in a One-Dimensional Harmonic Trap. <i>Physical Review X</i> , 2017, 7, .	2.8	22
869	Correlations and diagonal entropy after quantum quenches in XXZ chains. <i>Physical Review B</i> , 2017, 95, .	1.1	46
870	Interconnections between equilibrium topology and dynamical quantum phase transitions in a linearly ramped Haldane model. <i>Physical Review B</i> , 2017, 95, .	1.1	40
871	Emergent topology and dynamical quantum phase transitions in two-dimensional closed quantum systems. <i>Physical Review B</i> , 2017, 96, .	1.1	50
872	Thermal solitons as revealed by the static structure factor. <i>Physical Review A</i> , 2017, 95, .	1.0	10
873	Exact nonequilibrium dynamics of finite-temperature Tonks-Girardeau gases. <i>Physical Review A</i> , 2017, 95, .	1.0	31
874	Spin-chain model for strongly interacting one-dimensional Bose-Fermi mixtures. <i>Physical Review A</i> , 2017, 95, .	1.0	27
875	Quantum dynamical response of ultracold few-boson ensembles in finite optical lattices to multiple interaction quenches. <i>Physical Review A</i> , 2017, 95, .	1.0	22
876	Tuning an effective spin chain of three strongly interacting one-dimensional fermions with the transversal confinement. <i>Physical Review A</i> , 2017, 96, .	1.0	6
877	Hybrid model of separable, zero-range, few-body interactions in one-dimensional harmonic traps. <i>Physical Review A</i> , 2017, 96, .	1.0	4
878	Propagation and jamming dynamics in Heisenberg spin ladders. <i>Physical Review B</i> , 2017, 95, .	1.1	5
879	Thermalization without eigenstate thermalization hypothesis after a quantum quench. <i>Physical Review E</i> , 2017, 96, 022153.	0.8	25
880	Phase-space mixing in dynamically unstable, integrable few-mode quantum systems. <i>Physical Review A</i> , 2017, 96, .	1.0	12
881	Transport in out-of-equilibrium XXZ chains: Nonballistic behavior and correlation functions. <i>Physical Review B</i> , 2017, 96, .	1.1	114
882	Dynamical phase transitions and temporal orthogonality in one-dimensional hard-core bosons: from the continuum to the lattice. <i>New Journal of Physics</i> , 2017, 19, 113018.	1.2	24
883	Exact solution for the quench dynamics of a nested integrable system. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 083103.	0.9	52
884	One-dimensional Bose gas driven by a slow time-dependent harmonic trap. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 425301.	0.7	10
885	Probing the role of long-range interactions in the dynamics of a long-range Kitaev chain. <i>Physical Review B</i> , 2017, 96, .	1.1	70

#	ARTICLE	IF	CITATIONS
886	Hybrid Semiclassical Theory of Quantum Quenches in One-Dimensional Systems. Physical Review Letters, 2017, 119, 100603.	2.9	47
887	Introduction to Quantum Many-Body Physics. Springer Theses, 2017, , 5-57.	0.0	0
888	Observation of prethermalization in long-range interacting spin chains. Science Advances, 2017, 3, e1700672.	4.7	114
889	Quantum heat waves in a one-dimensional condensate. Physical Review B, 2017, 95, .	1.1	6
890	Fluctuation Theorem for Many-Body Pure Quantum States. Physical Review Letters, 2017, 119, 100601.	2.9	67
891	Continuous Matrix Product States for Quantum Fields: An Energy Minimization Algorithm. Physical Review Letters, 2017, 118, 220402.	2.9	26
892	Dynamics in quantum Ising chain driven by inhomogeneous transverse magnetization. European Physical Journal B, 2017, 90, 1.	0.6	3
893	Classical ergodicity and quantum eigenstate thermalization: Analysis in fully connected Ising ferromagnets. Physical Review E, 2017, 96, 012134.	0.8	9
894	Dynamical realization of magnetic states in a strongly interacting Bose mixture. Physical Review A, 2017, 95, .	1.0	5
895	Overlaps after quantum quenches in the sine-Gordon model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 539-545.	1.5	34
896	Entanglement and thermodynamics after a quantum quench in integrable systems. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7947-7951.	3.3	273
897	Two-terminal transport measurements with cold atoms. Journal of Physics Condensed Matter, 2017, 29, 343003.	0.7	118
898	Information-theoretic equilibrium and observable thermalization. Scientific Reports, 2017, 7, 44066.	1.6	18
899	Eigenstate thermalization in the two-dimensional transverse field Ising model. II. Off-diagonal matrix elements of observables. Physical Review E, 2017, 96, 012157.	0.8	92
900	Rare-region effects and dynamics near the many-body localization transition. Annalen Der Physik, 2017, 529, 1600326.	0.9	152
901	Quantum Emulation of Extreme Non-Equilibrium Phenomena with Trapped Atoms. Annalen Der Physik, 2017, 529, 1700008.	0.9	14
902	Spin and topological order in a periodically driven spin chain. Physical Review B, 2017, 96, .	1.1	23
903	Four fermions in a one-dimensional harmonic trap: Accuracy of a variational-ansatz approach. Physical Review A, 2017, 95, .	1.0	23

#	ARTICLE	IF	CITATIONS
904	Quench of a symmetry-broken ground state. <i>Physical Review A</i> , 2017, 95, .	1.0	2
905	Critical quench dynamics of random quantum spin chains: ultra-slow relaxation from initial order and delayed ordering from initial disorder. <i>New Journal of Physics</i> , 2017, 19, 023055.	1.2	6
906	Emergent transport in a many-body open system driven by interacting quantum baths. <i>Physical Review B</i> , 2017, 96, .	1.1	5
907	Non-thermalization in trapped atomic ion spin chains. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20170107.	1.6	29
908	Quantum quench in the attractive regime of the sine-Gordon model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 103106.	0.9	26
909	Analytical results for the time-dependent current density distribution of expanding ultracold gases after a sudden change of the confining potential. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 505003.	0.7	6
910	Dynamics of the spin- $\frac{1}{2}$ Heisenberg chain initialized in a domain-wall state. <i>Physical Review B</i> , 2017, 96, .	1.1	4
911	Dissociation of One-Dimensional Matter-Wave Breathers due to Quantum Many-Body Effects. <i>Physical Review Letters</i> , 2017, 119, 220401.	2.9	24
912	Solvable Hydrodynamics of Quantum Integrable Systems. <i>Physical Review Letters</i> , 2017, 119, 220604.	2.9	136
913	Entropies after releasing the Néel state in the XXZ spin-chain. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 113105.	0.9	47
914	Quantum adiabatic protocols using emergent local Hamiltonians. <i>Physical Review E</i> , 2017, 96, 042155.	0.8	8
915	Mixed state dynamical quantum phase transitions. <i>Physical Review B</i> , 2017, 96, .	1.1	75
916	Quantum quench of the Sachdev-Ye-Kitaev model. <i>Physical Review B</i> , 2017, 96, .	1.1	80
917	Atypical energy eigenstates in the Hubbard chain and quantum disentangled liquids. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160433.	1.6	4
918	Large-Scale Description of Interacting One-Dimensional Bose Gases: Generalized Hydrodynamics Supersedes Conventional Hydrodynamics. <i>Physical Review Letters</i> , 2017, 119, 195301.	2.9	121
919	Identical Wells, Symmetry Breaking, and the Near-Unitary Limit. <i>Few-Body Systems</i> , 2017, 58, 1.	0.7	5
920	Nonequilibrium dynamics in the one-dimensional Fermi-Hubbard model: Comparison of the nonequilibrium Green-functions approach and the density matrix renormalization group method. <i>Physical Review B</i> , 2017, 95, .	1.1	53
921	Quenches from bosonic Gaussian initial states to the Tonks-Girardeau limit: Stationary states and effects of a confining potential. <i>Physical Review B</i> , 2017, 95, .	1.1	17

#	ARTICLE	IF	CITATIONS
922	Phase Transitions in Definite Total Spin States of Two-Component Fermi Gases. <i>Physical Review Letters</i> , 2017, 118, 200403.	2.9	3
923	Localization and transport in a strongly driven Anderson insulator. <i>Physical Review B</i> , 2017, 96, .	1.1	21
924	Analytical and numerical studies of Bose-Fermi mixtures in a one-dimensional harmonic trap. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 144002.	0.6	18
925	Thermodynamic behavior of a one-dimensional Bose gas at low temperature. <i>Physical Review A</i> , 2017, 96, .	1.0	19
926	Work extraction in an isolated quantum lattice system: Grand canonical and generalized Gibbs ensemble predictions. <i>Physical Review E</i> , 2017, 95, 062145.	0.8	9
927	Prethermalization at Low Temperature: The Scent of Long-Range Order. <i>Physical Review Letters</i> , 2017, 119, 010601.	2.9	24
928	Nonequilibrium spin transport in integrable spin chains: Persistent currents and emergence of magnetic domains. <i>Physical Review B</i> , 2017, 96, .	1.1	85
929	Comparison of the iterated equation of motion approach and the density matrix formalism for the quantum Rabi model. <i>European Physical Journal B</i> , 2017, 90, 1.	0.6	6
930	Temperature of a single chaotic eigenstate. <i>Physical Review E</i> , 2017, 95, 042135.	0.8	13
931	A Unified Approach to the Thermodynamics and Quantum Scaling Functions of One-Dimensional Strongly Attractive $SU(w)$ Fermi Gases*. <i>Chinese Physics Letters</i> , 2017, 34, 070501.	1.3	0
932	Nonequilibrium dynamics of a system with two kinds of fermions after a pulse. <i>Physical Review B</i> , 2017, 95, .	1.1	11
933	Real-time confinement following a quantum quench to a non-integrable model. <i>Nature Physics</i> , 2017, 13, 246-249.	6.5	205
934	Saturation of entropy production in quantum many-body systems. <i>Physical Review E</i> , 2017, 96, 062148.	0.8	7
935	Unitary Dynamics of Strongly Interacting Bose Gases with the Time-Dependent Variational Monte Carlo Method in Continuous Space. <i>Physical Review X</i> , 2017, 7, .	2.8	16
936	Identifying the closeness of eigenstates in quantum many-body systems. <i>Chinese Physics B</i> , 2017, 26, 080502.	0.7	3
937	Renormalization-group theory for cooling first-order phase transitions in Potts models. <i>Physical Review E</i> , 2017, 95, 032124.	0.8	7
938	Efficiency of fermionic quantum distillation. <i>Physical Review A</i> , 2017, 96, .	1.0	5
939	Relaxation dynamics of two coherently coupled one-dimensional bosonic gases. <i>European Physical Journal: Special Topics</i> , 2017, 226, 2763-2774.	1.2	21

#	ARTICLE	IF	CITATIONS
940	Quasi adiabatic dynamics of energy eigenstates for a solvable quantum system at finite temperature. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 093106.	0.9	0
941	Quantum quench in the infinitely repulsive Hubbard model: the stationary state. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 103107.	0.9	24
942	Coupled Two-Dimensional Atomic Oscillation in an Anharmonic Trap. <i>Chinese Physics Letters</i> , 2017, 34, 076701.	1.3	0
943	Quasi locality of the GGE in interacting-to-free quenches in relativistic field theories. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 023105.	0.9	30
944	Non-Markovian coherence and entanglement transfer in a quantum version of Newton's cradle. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2017, 34, 366.	0.9	1
945	Localized thermal states. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	6
946	Prethermalization in the cooling dynamics of an impurity in a Bose-Einstein condensate. <i>Physical Review A</i> , 2018, 97, .	1.0	35
947	Towards Quantum Simulation with Circular Rydberg Atoms. <i>Physical Review X</i> , 2018, 8, .	2.8	91
948	Atypicality of Most Few-Body Observables. <i>Physical Review Letters</i> , 2018, 120, 080603.	2.9	29
949	Generic dynamical features of quenched interacting quantum systems: Survival probability, density imbalance, and out-of-time-ordered correlator. <i>Physical Review B</i> , 2018, 97, .	1.1	73
950	Analytic solution of the domain-wall nonequilibrium stationary state. <i>Physical Review B</i> , 2018, 97, .	1.1	112
951	Entanglement prethermalization in the Tomonaga-Luttinger model. <i>Physical Review A</i> , 2018, 97, .	1.0	9
952	Dynamical quantum phase transitions in extended transverse Ising models. <i>Physical Review B</i> , 2018, 97, .	1.1	27
953	Spectrum of Elementary Excitations in Galilean-Invariant Integrable Models. <i>Physical Review Letters</i> , 2018, 120, 165302.	2.9	8
954	Thermalization dynamics of two correlated bosonic quantum wires after a split. <i>Physical Review A</i> , 2018, 97, .	1.0	7
955	Exact dynamics of a one dimensional Bose gas in a periodic time-dependent harmonic trap. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 185001.	0.7	10
956	Incomplete Thermalization from Trap-Induced Integrability Breaking: Lessons from Classical Hard Rods. <i>Physical Review Letters</i> , 2018, 120, 164101.	2.9	46
957	Scrambling of quantum information in quantum many-body systems. <i>Physical Review A</i> , 2018, 97, .	1.0	61

#	ARTICLE	IF	CITATIONS
958	Hierarchical relaxation dynamics in a tilted two-band Bose-Hubbard model. <i>Physical Review A</i> , 2018, 97, .	1.0	6
959	Postquench prethermalization in a disordered quantum fluid of light. <i>Physical Review A</i> , 2018, 97, .	1.0	8
960	Entanglement entropy of a three-spin-interacting spin chain with a time-reversal-breaking impurity at one boundary. <i>Physical Review E</i> , 2018, 97, 042108.	0.8	0
961	Quantum Quenches and Relaxation Dynamics in the Thermodynamic Limit. <i>Physical Review Letters</i> , 2018, 120, 070603.	2.9	33
962	Quantum return probability of a system of $N$ non-interacting lattice fermions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 023104.	0.9	7
963	A distinguishable single excited-impurity in a Bose-Einstein condensate. <i>Laser Physics Letters</i> , 2018, 15, 025501.	0.6	5
964	Soliton Gases and Generalized Hydrodynamics. <i>Physical Review Letters</i> , 2018, 120, 045301.	2.9	143
965	Nonmonotonic response and light-cone freezing in fermionic systems under quantum quenches from gapless to gapped or partially gapped states. <i>Physical Review B</i> , 2018, 97, .	1.1	20
966	Nonequilibrium Steady State Generated by a Moving Defect: The Supersonic Threshold. <i>Physical Review Letters</i> , 2018, 120, 060602.	2.9	27
967	Integrable time-dependent Hamiltonians, solvable Landau-Zener models and Gaudin magnets. <i>Annals of Physics</i> , 2018, 392, 323-339.	1.0	26
968	Quench dynamics of a dissipative Rydberg gas in the classical and quantum regimes. <i>Physical Review A</i> , 2018, 97, .	1.0	2
969	Light-cone velocities after a global quench in a noninteracting model. <i>Physical Review B</i> , 2018, 97, .	1.1	22
970	Thermalization near Integrability in a Dipolar Quantum Newton's Cradle. <i>Physical Review X</i> , 2018, 8, .	2.8	149
971	Relations between dissipated work and Rényi divergences in the generalized Gibbs ensemble. <i>Physical Review A</i> , 2018, 97, .	1.0	3
972	Time-dependent generalized Gibbs ensembles in open quantum systems. <i>Physical Review B</i> , 2018, 97, .	1.1	46
973	Quantum quench in a harmonically trapped one-dimensional Bose gas. <i>Physical Review A</i> , 2018, 97, .	1.0	24
974	Quantum Quench Dynamics. <i>Annual Review of Condensed Matter Physics</i> , 2018, 9, 245-259.	5.2	126
975	Strong-coupling Bose polarons out of equilibrium: Dynamical renormalization-group approach. <i>Physical Review A</i> , 2018, 97, .	1.0	32

#	ARTICLE	IF	CITATIONS
976	Entanglement and thermodynamics in non-equilibrium isolated quantum systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 504, 31-44.	1.2	64
977	Eigenstate thermalization hypothesis, time operator, and extremely quick relaxation of fidelity. <i>Journal of Physics Communications</i> , 2018, 2, 075008.	0.5	2
978	Asymmetries in the spectral density of an interaction-quenched Luttinger liquid. <i>Journal of Physics: Conference Series</i> , 2018, 969, 012140.	0.3	0
979	Prethermalization to thermalization crossover in a dilute Bose gas following an interaction ramp. <i>Physical Review A</i> , 2018, 98, .	1.0	19
980	Irreversible dynamics in quantum many-body systems. <i>Physical Review B</i> , 2018, 98, .	1.1	16
981	Something interacting and solvable in 1D. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 485204.	0.7	8
982	Singularities in large deviations of work in quantum quenches. <i>Physical Review B</i> , 2018, 98, .	1.1	5
983	Fluctuation relations for heat exchange in the generalized Gibbs ensemble. <i>Frontiers of Physics</i> , 2018, 13, 1.	2.4	0
984	From the sinh-Gordon field theory to the one-dimensional Bose gas: exact local correlations and full counting statistics. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 113104.	0.9	39
985	Quasilocal charges and the generalized Gibbs ensemble in the Lieb-Liniger model. <i>Physical Review E</i> , 2018, 98, .	0.8	13
986	Double light-cone dynamics establish thermal states in integrable 1D Bose gases. <i>New Journal of Physics</i> , 2018, 20, 023034.	1.2	14
987	Dynamical manifestation of the Gibbs paradox after a quantum quench. <i>Physical Review A</i> , 2018, 98, .	1.0	18
988	Quantum Annealing and Thermalization: Insights from Integrability. <i>Physical Review Letters</i> , 2018, 121, 190601.	2.9	12
989	Phase dynamics of discrete breathers periodically tunneling in weakly coupled nonlinear chains. <i>Low Temperature Physics</i> , 2018, 44, 671-677.	0.2	0
990	Emergence of junction dynamics in a strongly interacting Bose mixture. <i>New Journal of Physics</i> , 2018, 20, 063014.	1.2	5
991	Scaling theory of entanglement entropy in confinements near quantum critical points. <i>Physical Review B</i> , 2018, 98, .	1.1	10
992	Control of tunneling in an atomtronic switching device. <i>Communications Physics</i> , 2018, 1, .	2.0	22
993	High-temperature coherent transport in the XXZ chain in the presence of an impurity. <i>Physical Review B</i> , 2018, 98, .	1.1	42



#	ARTICLE	IF	CITATIONS
994	Nonequilibrium quantum spin dynamics from two-particle irreducible functional integral techniques in the Schwinger boson representation. <i>Physical Review B</i> , 2018, 98, .	1.1	9
995	Quantum quench for the biaxial spin system. <i>Low Temperature Physics</i> , 2018, 44, 1173-1179.	0.2	2
996	Relaxation, chaos, and thermalization in a three-mode model of a Bose-Einstein condensate. <i>New Journal of Physics</i> , 2018, 20, 113039.	1.2	22
997	Accelerating the convergence of exact diagonalization with the transcorrelated method: Quantum gas in one dimension with contact interactions. <i>Physical Review A</i> , 2018, 98, .	1.0	18
998	Effective metal-insulator nonequilibrium quantum phase transition in the Su-Schrieffer-Heeger model. <i>Physical Review B</i> , 2018, 98, .	1.1	6
999	Low-temperature transport in out-of-equilibrium XXZ chains. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 033104.	0.9	38
1000	Nonequilibrium Mass Transport in the 1D Fermi-Hubbard Model. <i>Physical Review Letters</i> , 2018, 121, 130402.	2.9	39
1001	Geometric quench and nonequilibrium dynamics of fractional quantum Hall states. <i>Physical Review B</i> , 2018, 98, .	1.1	24
1002	Configuration-controlled many-body localization and the mobility emulsion. <i>Physical Review B</i> , 2018, 98, .	1.1	16
1003	The open XXZ spin chain in the SoV framework: scalar product of separate states. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 485201.	0.7	6
1004	Thermalization and Heating Dynamics in Open Generic Many-Body Systems. <i>Physical Review Letters</i> , 2018, 121, 170402.	2.9	30
1005	Probing quasi-integrability of the Gross-Pitaevskii equation in a harmonic-oscillator potential. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 205303.	0.6	17
1006	Hydrodynamic Diffusion in Integrable Systems. <i>Physical Review Letters</i> , 2018, 121, 160603.	2.9	166
1007	Quantum scarred eigenstates in a Rydberg atom chain: Entanglement, breakdown of thermalization, and stability to perturbations. <i>Physical Review B</i> , 2018, 98, .	1.1	260
1008	Overlap singularity and time evolution in integrable quantum field theory. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	19
1009	Energy transport in an integrable parafermionic chain via generalized hydrodynamics. <i>Physical Review B</i> , 2018, 98, .	1.1	41
1010	Entanglement and diagonal entropies after a quench with no pair structure. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 063104.	0.9	39
1011	Revealing missing charges with generalised quantum fluctuation relations. <i>Nature Communications</i> , 2018, 9, 2006.	5.8	18

#	ARTICLE	IF	CITATIONS
1012	Numerical Large Deviation Analysis of the Eigenstate Thermalization Hypothesis. Physical Review Letters, 2018, 120, 200604.	2.9	51
1013	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
1014	Effects of quantum coherence on work statistics. Physical Review A, 2018, 97, .	1.0	20
1015	Long lifetimes of ultrahot particles in interacting Fermi systems. Physical Review B, 2018, 97, .	1.1	3
1016	Universality of fast quenches from the conformal perturbation theory. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
1017	Weak ergodicity breaking from quantum many-body scars. Nature Physics, 2018, 14, 745-749.	6.5	537
1018	Exact results for the Floquet coin toss for driven integrable models. Physical Review B, 2018, 97, .	1.1	13
1019	Classical dynamics of harmonically trapped interacting particles. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 063106.	0.9	2
1020	Analytic model of thermalization: Quantum emulation of classical cellular automata. Physical Review E, 2018, 97, 062144.	0.8	7
1021	Staggered field induced dynamical effects in a quantum spin chain. Physical Review B, 2018, 97, .	1.1	5
1022	Momentum distribution and contacts of one-dimensional spinless Fermi gases with an attractive $p$ -wave interaction. Physical Review A, 2018, 98, .	1.0	15
1023	Thermalization, condensate growth, and defect formation in an out-of-equilibrium Bose gas. Physical Review A, 2018, 98, .	1.0	6
1024	Momentum distribution and non-local high order correlation functions of 1D strongly interacting Bose gas. Chinese Physics B, 2018, 27, 070306.	0.7	2
1025	Effects of Interaction Imbalance in a Strongly Repulsive One-Dimensional Bose Gas. Few-Body Systems, 2018, 59, 1.	0.7	3
1026	Exact Local Correlations and Full Counting Statistics for Arbitrary States of the One-Dimensional Interacting Bose Gas. Physical Review Letters, 2018, 120, 190601.	2.9	62
1027	Integrable Time-Dependent Quantum Hamiltonians. Physical Review Letters, 2018, 120, 190402.	2.9	41
1028	Signatures of a Nonthermal Metastable State in Copropagating Quantum Hall Edge Channels. Physical Review Letters, 2018, 120, 197701.	2.9	26
1029	Exploring the possibilities of dynamical quantum phase transitions in the presence of a Markovian bath. Scientific Reports, 2018, 8, 11921.	1.6	17

#	ARTICLE	IF	CITATIONS
1030	Dynamics of a many-body quantum spin system caused by a sequence of pulses. Physical Review B, 2018, 98, .	1.1	1
1031	Thermalization of dipole oscillations in confined systems by rare collisions. Physical Review B, 2018, 98, .	1.1	0
1032	Superluminal moving defects in the Ising spin chain. Physical Review B, 2018, 98, .	1.1	13
1033	Operator growth and eigenstate entanglement in an interacting integrable Floquet system. Physical Review B, 2018, 98, .	1.1	62
1034	Effects of the Dzyaloshinsky-Moriya interaction on nonequilibrium thermodynamics in the $X$ - $Y$ spin chain in a transverse field. Physical Review E, 2018, 98, 022107.	0.8	1
1035	Self-averaging of random quantum dynamics. Physical Review A, 2018, 98, .	1.0	4
1036	Dynamic finite-size scaling after a quench at quantum transitions. Physical Review E, 2018, 97, 052148.	0.8	27
1037	Exact ground-state correlation functions of an atomic-molecular Bose-Einstein condensate model. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 095302.	0.6	1
1038	Eigenstate thermalization hypothesis. Reports on Progress in Physics, 2018, 81, 082001.	8.1	318
1039	Pure confinement-induced trimer in one-dimensional atomic waveguides. Physical Review A, 2018, 97, .	1.0	28
1040	Topology and entanglement in quench dynamics. Physical Review B, 2018, 97, .	1.1	21
1041	Interplay of Anderson localization and quench dynamics. Physical Review B, 2018, 97, .	1.1	4
1042	Thermal correlation functions of KdV charges in 2D CFT. Journal of High Energy Physics, 2019, 2019, 1.	1.6	25
1043	Quantum dynamics of impenetrable $SU(2)$ fermions in one-dimensional lattices. Physical Review A, 2019, 99, .	1.0	1
1044	Nonequilibrium time evolution and rephasing in the quantum sine-Gordon model. Physical Review A, 2019, 100, .	1.0	31
1045	Heating and cooling of quantum gas by eigenstate Joule expansion. Physical Review E, 2019, 100, 010106.	0.8	6
1046	Relaxation to Gaussian generalized Gibbs ensembles in quadratic bosonic systems in the thermodynamic limit. Physical Review E, 2019, 100, 022105.	0.8	6
1047	Fermionic quantum spin liquids: Exact results for parametric pumping. Physical Review B, 2019, 100, .	1.1	1

#	ARTICLE	IF	CITATIONS
1048	Systematic Construction of Scarred Many-Body Dynamics in 1D Lattice Models. <i>Physical Review Letters</i> , 2019, 123, 030601.	2.9	77
1049	Quantum correlations in periodically driven spin chains: Revivals and steady-state properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 491, 165546.	1.0	6
1050	Quantum quenches and thermalization in SYK models. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	26
1051	Spin fluctuations after quantum quenches in the S=1 Haldane chain: Numerical validation of the semi-semiclassical theory. <i>Physical Review B</i> , 2019, 100, .	1.1	5
1052	Kinetic theory of quantum and classical Toda lattices. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 33LT01.	0.7	27
1053	Correlation Dynamics of Dipolar Bosons in 1D Triple Well Optical Lattice. <i>Symmetry</i> , 2019, 11, 909.	1.1	0
1054	Integrable quenches in nested spin chains I: the exact steady states. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 063103.	0.9	29
1055	Expansion dynamics of a spherical Bose-Einstein condensate. <i>Chinese Physics B</i> , 2019, 28, 106701.	0.7	5
1056	Duality in a hyperbolic interaction model integrable even in a strong confinement: multi-soliton solutions and field theory. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 415201.	0.7	4
1057	Finite-temperature dynamics of a Tonks-Girardeau gas in a frequency-modulated harmonic trap. <i>Physical Review A</i> , 2019, 100, .	1.0	5
1058	Quench action and large deviations: Work statistics in the one-dimensional Bose gas. <i>Physical Review E</i> , 2019, 100, 032114.	0.8	22
1059	Coherent charge and spin oscillations induced by local quenches in nanowires with spin-orbit coupling. <i>Physical Review B</i> , 2019, 100, .	1.1	3
1060	Ballistic transport and boundary resistances in inhomogeneous quantum spin chains. <i>Nature Communications</i> , 2019, 10, 4820.	5.8	25
1061	Finite-time quantum quenches in the XXZ Heisenberg chain. <i>Physical Review B</i> , 2019, 100, .	1.1	1
1062	Dynamical quantum phase transitions in extended toric-code models. <i>Physical Review B</i> , 2019, 100, .	1.1	14
1063	Non-thermal fixed points: Universal dynamics far from equilibrium. <i>International Journal of Modern Physics A</i> , 2019, 34, 1941006.	0.5	31
1064	Energy-Dependent Three-Body Loss in 1D Bose Gases. <i>Physical Review Letters</i> , 2019, 122, 013402.	2.9	11
1065	On separation of variables for reflection algebras. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 094020.	0.9	8

#	ARTICLE	IF	CITATIONS
1066	Correlation and entanglement spreading in nested spin chains. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 093106.	0.9	13
1067	Integrable Many-Body Quantum Floquet-Thouless Pumps. Physical Review Letters, 2019, 123, 170603.	2.9	34
1068	Quantum kinetic perturbation theory for near-integrable spin chains with weak long-range interactions. New Journal of Physics, 2019, 21, 093021.	1.2	1
1069	Generalized Gibbs Ensemble of 2d CFTs at large central charge in the thermodynamic limit. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
1070	Perturbative post-quench overlaps in quantum field theory. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
1071	Anomalous relaxation and the high-temperature structure factor of XXZ spin chains. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16250-16255.	3.3	41
1072	Probing Ground-State Phase Transitions through Quench Dynamics. Physical Review Letters, 2019, 123, 115701.	2.9	32
1073	Generalized Hydrodynamics with Space-Time Inhomogeneous Interactions. Physical Review Letters, 2019, 123, 130602.	2.9	72
1074	Periodic Orbits, Entanglement, and Quantum Many-Body Scars in Constrained Models: Matrix Product State Approach. Physical Review Letters, 2019, 122, 040603.	2.9	208
1075	Stark Many-Body Localization. Physical Review Letters, 2019, 122, 040606.	2.9	156
1076	Spin current generation and relaxation in a quenched spin-orbit-coupled Bose-Einstein condensate. Nature Communications, 2019, 10, 375.	5.8	21
1077	Fibonacci steady states in a driven integrable quantum system. Physical Review B, 2019, 99, .	1.1	15
1078	Exact solution of time-dependent Lindblad equations with closed algebras. Physical Review A, 2019, 99, .	1.0	20
1079	Partial Fermionization: Spectral Universality in 1D Repulsive Bose Gases. Physical Review Letters, 2019, 122, 240601.	2.9	3
1080	Features of the magnon system response to the "spin echo". Low Temperature Physics, 2019, 45, 518-523.	0.2	0
1081	Probing relaxation dynamics of a few strongly correlated bosons in a 1D triple well optical lattice. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 215303.	0.6	6
1082	Exact large deviation function of spin current for the one dimensional XX spin chain with domain wall initial condition. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 063105.	0.9	19
1083	Integrability-Protected Adiabatic Reversibility in Quantum Spin Chains. Physical Review Letters, 2019, 122, 240606.	2.9	29

#	ARTICLE	IF	CITATIONS
1084	Many-body exceptional points in colliding condensates. <i>Molecular Physics</i> , 2019, 117, 1971-1980.	0.8	4
1085	Suppression of transport in nondisordered quantum spin chains due to confined excitations. <i>Physical Review B</i> , 2019, 99, .	1.1	49
1086	Lack of thermalization for integrability-breaking impurities. <i>Europhysics Letters</i> , 2019, 125, 20001.	0.7	15
1087	The hydrodynamics of a quantum fluid. <i>Physics Today</i> , 2019, 72, 22-24.	0.3	0
1088	Introduction and Theoretical Basics. <i>Springer Theses</i> , 2019, , 5-27.	0.0	0
1089	Cooling Through Uniform Loss. <i>Springer Theses</i> , 2019, , 67-86.	0.0	0
1090	Scaling of decoherence and energy flow in interacting quantum spin systems. <i>Physical Review A</i> , 2019, 99, .	1.0	12
1091	Exact quantum dynamics of XXZ central spin problems. <i>Physical Review B</i> , 2019, 99, .	1.1	24
1092	Exact nonequilibrium dynamics of a thermal chain of rotating Ising spins: Work statistics, heat-resistant quantum criticality and stroboscopic defects. <i>Europhysics Letters</i> , 2019, 125, 67003.	0.7	2
1093	Prethermalization and Thermalization in Isolated Quantum Systems. <i>Physical Review X</i> , 2019, 9, .	2.8	97
1094	Flexible impulse transfer using a Newton's Cradle-inspired catheter: A feasibility study. <i>Medical Engineering and Physics</i> , 2019, 67, 88-95.	0.8	2
1095	Generalized hydrodynamics, quasiparticle diffusion, and anomalous local relaxation in random integrable spin chains. <i>Physical Review B</i> , 2019, 99, .	1.1	20
1096	Non-integrable fermionic chains near criticality. <i>Europhysics Letters</i> , 2019, 125, 27002.	0.7	0
1097	Out-of-equilibrium quantum magnetism and thermalization in a spin-3 many-body dipolar lattice system. <i>Nature Communications</i> , 2019, 10, 1714.	5.8	44
1098	Thermalization of an Oscillating Bose Condensate in a Disordered Trap. <i>Journal of Low Temperature Physics</i> , 2019, 196, 13-20.	0.6	2
1099	Signatures of rare states and thermalization in a theory with confinement. <i>Physical Review B</i> , 2019, 99, .	1.1	68
1101	Eigenstate thermalization and quantum chaos in the Holstein polaron model. <i>Physical Review B</i> , 2019, 99, .	1.1	73
1102	Momentum-space entanglement after smooth quenches. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	4

#	ARTICLE	IF	CITATIONS
1103	Generalized Hydrodynamics on an Atom Chip. <i>Physical Review Letters</i> , 2019, 122, 090601.	2.9	160
1104	Consequences of integrability breaking in quench dynamics of pairing Hamiltonians. <i>Physical Review B</i> , 2019, 99, .	1.1	10
1105	Equilibration of quasi-integrable systems. <i>Physical Review E</i> , 2019, 99, 022146.	0.8	26
1106	Typicality of Prethermalization. <i>Physical Review Letters</i> , 2019, 122, 080603.	2.9	23
1107	Kinetic Theory of Spin Diffusion and Superdiffusion in $\langle X \rangle$ Spin Chains. <i>Physical Review Letters</i> , 2019, 122, 127202.	2.9	138
1108	A quantum damper. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 523, 631-641.	1.2	0
1109	Derivation of the 1d Gross-Pitaevskii Equation from the 3d Quantum Many-Body Dynamics of Strongly Confined Bosons. <i>Annales Henri Poincare</i> , 2019, 20, 1003-1049.	0.8	8
1110	Environment-induced preresolution in the Mott-Hubbard model. <i>Physical Review B</i> , 2019, 99, .	1.1	6
1111	Quasi-particle spectrum and entanglement generation after a quench in the quantum Potts spin chain. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 013104.	0.9	7
1112	Generalized Gibbs ensemble and the statistics of KdV charges in 2D CFT. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	27
1113	Derivation of the 1d nonlinear Schrödinger equation from the 3d quantum many-body dynamics of strongly confined bosons. <i>Journal of Mathematical Physics</i> , 2019, 60, 031902.	0.5	8
1114	Nonthermal States Arising from Confinement in One and Two Dimensions. <i>Physical Review Letters</i> , 2019, 122, 130603.	2.9	109
1115	Signatures of integrability in the dynamics of Rydberg-blockaded chains. <i>Physical Review B</i> , 2019, 99, .	1.1	159
1116	Thermodynamical path integral and emergent symmetry. <i>Physical Review E</i> , 2019, 99, 022109.	0.8	6
1117	Density Oscillations Induced by Individual Ultracold Two-Body Collisions. <i>Physical Review Letters</i> , 2019, 122, 083401.	2.9	19
1118	Typical entanglement entropy in the presence of a center: Page curve and its variance. <i>Physical Review D</i> , 2019, 100, .	1.6	34
1119	Correlations generated from high-temperature states: Nonequilibrium dynamics in the Fermi-Hubbard model. <i>Physical Review A</i> , 2019, 100, .	1.0	3
1120	Collective excitation profiles and the dynamics of photonic condensates. <i>Physical Review A</i> , 2019, 100, .	1.0	7

#	ARTICLE	IF	CITATIONS
1121	Exact Results for the Boundary Energy of One-Dimensional Bosons. <i>Physical Review Letters</i> , 2019, 123, 250602.	2.9	14
1122	Boltzmann relaxation dynamics in the strongly interacting Fermi-Hubbard model. <i>Physical Review A</i> , 2019, 100, .	1.0	6
1123	Boltzmann relaxation dynamics of strongly interacting spinless fermions on a lattice. <i>Physical Review B</i> , 2019, 100, .	1.1	3
1124	Entanglement and matrix elements of observables in interacting integrable systems. <i>Physical Review E</i> , 2019, 100, 062134.	0.8	70
1125	Randomness of Eigenstates of Many-Body Quantum Systems. <i>Entropy</i> , 2019, 21, 227.	1.1	1
1126	Shell potentials for microgravity Bose-Einstein condensates. <i>Npj Microgravity</i> , 2019, 5, 30.	1.9	51
1127	Lack of thermalization in (1+1)-d quantum chromodynamics at large N c. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 123101.	0.9	8
1128	Edge and bulk localization of Floquet topological superconductors. <i>Physical Review B</i> , 2019, 99, .	1.1	17
1129	Stochastic approach to non-equilibrium quantum spin systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 05LT02.	0.7	18
1130	Impact of nonequilibrium fluctuations on prethermal dynamical phase transitions in long-range interacting spin chains. <i>Physical Review B</i> , 2019, 99, .	1.1	54
1131	Quantum coarse-grained entropy and thermalization in closed systems. <i>Physical Review A</i> , 2019, 99, .	1.0	35
1132	Time evolution and thermodynamics for a nonequilibrium system in phase-space. <i>Canadian Journal of Physics</i> , 2019, 97, 609-636.	0.4	4
1133	One-dimensional quantum many body systems with long-range interactions. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 013001.	0.7	25
1134	Nonequilibrium Aspects of Integrable Models. <i>Annual Review of Condensed Matter Physics</i> , 2020, 11, 147-168.	5.2	9
1135	Nonadiabatic dynamics of a dissipative spin chain in a transverse magnetic field. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 118, 113940.	1.3	1
1136	Fluctuations in Ballistic Transport from Euler Hydrodynamics. <i>Annales Henri Poincare</i> , 2020, 21, 255-302.	0.8	37
1137	Matrix Elements of One Dimensional Explicitly Correlated Gaussian Basis Functions. <i>Few-Body Systems</i> , 2020, 61, 1.	0.7	4
1138	Nonequilibrium dynamics of the anyonic Tonks-Girardeau gas at finite temperature. <i>Physical Review A</i> , 2020, 102, .	1.0	8



#	ARTICLE	IF	CITATIONS
1139	On the hydrodynamics of unstable excitations. Journal of High Energy Physics, 2020, 2020, 1.	1.6	7
1140	Chaos and Quantum Scars in Bose-Josephson Junction Coupled to a Bosonic Mode. Physical Review Letters, 2020, 125, 134101.	2.9	25
1141	Dynamics of large deviations in the hydrodynamic limit: Noninteracting systems. Physical Review E, 2020, 102, 042128.	0.8	10
1142	Quantum equilibration, thermalization and prethermalization in ultracold atoms. Nature Reviews Physics, 2020, 2, 669-681.	11.9	70
1143	Double-layer Bose-Einstein condensates: A quantum phase transition in the transverse direction, and reduction to two dimensions. Physical Review E, 2020, 102, 042209.	0.8	9
1144	Universal late-time dynamics in isolated one-dimensional statistical systems with topological excitations. Physical Review B, 2020, 101, .	1.1	2
1145	Quantum quench and thermalization to GGE in arbitrary dimensions and the odd-even effect. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
1146	Quantum Semiparametric Estimation. Physical Review X, 2020, 10, .	2.8	38
1147	Algebraic Construction of Current Operators in Integrable Spin Chains. Physical Review Letters, 2020, 125, 070602.	2.9	41
1148	Probing thermalization in quenched integrable and nonintegrable Fermi-Hubbard models. Physical Review A, 2020, 102, .	1.0	2
1149	Berry phase for a Bose gas on a one-dimensional ring. Physical Review A, 2020, 102, .	1.0	4
1150	Numerical Verification of the Fluctuation-Dissipation Theorem for Isolated Quantum Systems. Physical Review Letters, 2020, 125, 050603.	2.9	11
1151	Topological classification of dynamical quantum phase transitions in the xy chain. Scientific Reports, 2020, 10, 12766.	1.6	23
1152	Scaling properties of the dynamics at first-order quantum transitions when boundary conditions favor one of the two phases. Physical Review E, 2020, 102, 012143.	0.8	13
1153	Superdiffusion from Emergent Classical Solitons in Quantum Spin Chains. Physical Review Letters, 2020, 125, 070601.	2.9	49
1154	Quasi-integrable systems are slow to thermalize but may be good scramblers. Physical Review E, 2020, 102, 022201.	0.8	11
1155	Eigenstate Thermalization in a Locally Perturbed Integrable System. Physical Review Letters, 2020, 125, 070605.	2.9	70
1156	Ultrafast coupled charge and spin dynamics in strongly correlated NiO. Nature Communications, 2020, 11, 4095.	5.8	22

#	ARTICLE	IF	CITATIONS
1157	Emergence and Disruption of Spin-Charge Separation in One-Dimensional Repulsive Fermions. Physical Review Letters, 2020, 125, 190401.	2.9	11
1158	Generalized hydrodynamics with dephasing noise. Physical Review B, 2020, 102, .	1.1	37
1159	Eigenstate Entanglement Entropy in Random Quadratic Hamiltonians. Physical Review Letters, 2020, 125, 180604.	2.9	39
1160	Dynamics after quenches in one-dimensional quantum Ising-like systems. Physical Review B, 2020, 102, .	1.1	10
1161	Quantum Many-Body Dynamics in Two Dimensions with Artificial Neural Networks. Physical Review Letters, 2020, 125, 100503.	2.9	84
1162	Dispersionless pulse transport in mass-spring chains: All possible perfect Newton's cradles. Physical Review E, 2020, 102, 023005.	0.8	2
1163	Quantum equilibration of the double-proton transfer in a model system porphine. Physical Chemistry Chemical Physics, 2020, 22, 22332-22341.	1.3	0
1164	Measurement-induced transitions of the entanglement scaling law in ultracold gases with controllable dissipation. Physical Review A, 2020, 102, .	1.0	61
1165	Many-Body Dephasing in a Trapped-Ion Quantum Simulator. Physical Review Letters, 2020, 125, 120605.	2.9	23
1166	Thermalization in a Quantum Harmonic Oscillator with Random Disorder. Entropy, 2020, 22, 855.	1.1	8
1167	Explicit Construction of Local Conserved Quantities in the $X$ $Y$ $Z$ Spin- $1$ Quantum Quenches in Isolated Quantum Glasses out of Equilibrium. Physical Review Letters, 2020, 125, 120602.	2.9	10
1168	Quantum Quenches in Isolated Quantum Glasses out of Equilibrium. Physical Review Letters, 2020, 125, 120602.	2.9	5
1169	Long-range interaction in an open boundary-driven Heisenberg spin lattice: A far-from-equilibrium transition to ballistic transport. Physical Review B, 2020, 102, .	1.1	7
1170	Prethermalization and thermalization in entanglement dynamics. Physical Review B, 2020, 102, .	1.1	15
1171	Using Matrix-Product States for Open Quantum Many-Body Systems: Efficient Algorithms for Markovian and Non-Markovian Time-Evolution. Entropy, 2020, 22, 984.	1.1	8
1172	Ergodicity breaking transition in finite disordered spin chains. Physical Review B, 2020, 102, .	1.1	96
1173	Entropy production dynamics in quench protocols of a driven-dissipative critical system. Physical Review A, 2020, 102, .	1.0	6
1174	Eigenstate thermalization for observables that break Hamiltonian symmetries and its counterpart in interacting integrable systems. Physical Review E, 2020, 102, 062113.	0.8	19

#	ARTICLE	IF	CITATIONS
1175	Prethermalization with negative specific heat. <i>Physical Review E</i> , 2020, 102, 052107.	0.8	2
1177	Thermalization of a Trapped One-Dimensional Bose Gas via Diffusion. <i>Physical Review Letters</i> , 2020, 125, 240604.	2.9	43
1178	Four-dimensional reflection groups and electrostatics. <i>Annals of Physics</i> , 2020, 421, 168291.	1.0	0
1179	Persistent oscillations after quantum quenches: The inhomogeneous case. <i>Nuclear Physics B</i> , 2020, 954, 115002.	0.9	6
1180	Modulation of the longitudinal pumping in quantum spin systems. <i>Physical Review B</i> , 2020, 101, .	1.1	3
1181	Delta-Bose gas on a half-line and the Kardar-Parisi-Zhang equation: boundary bound states and unbinding transitions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 043207.	0.9	11
1182	Diffusive hydrodynamics from integrability breaking. <i>Physical Review B</i> , 2020, 101, .	1.1	70
1183	Quantum vs classical dynamics in a spin-boson system: manifestations of spectral correlations and scarring. <i>New Journal of Physics</i> , 2020, 22, 063036.	1.2	25
1184	Quantum scars of bosons with correlated hopping. <i>Communications Physics</i> , 2020, 3, .	2.0	58
1185	Family-Vicsek Scaling of Roughness Growth in a Strongly Interacting Bose Gas. <i>Physical Review Letters</i> , 2020, 124, 210604.	2.9	15
1186	Eigenstate Thermalization from the Clustering Property of Correlation. <i>Physical Review Letters</i> , 2020, 124, 200604.	2.9	13
1187	Entanglement Oscillations near a Quantum Critical Point. <i>Physical Review Letters</i> , 2020, 124, 230601.	2.9	46
1188	Anomalous low-frequency conductivity in easy-plane XXZ spin chains. <i>Physical Review B</i> , 2020, 101, .	1.1	20
1189	Many-Body Quantum Dynamics of Initially Trapped Systems due to a Stark Potential: Thermalization versus Bloch Oscillations. <i>Physical Review Letters</i> , 2020, 124, 110603.	2.9	13
1190	Current Operators in Bethe Ansatz and Generalized Hydrodynamics: An Exact Quantum-Classical Correspondence. <i>Physical Review X</i> , 2020, 10, .	2.8	58
1191	Universal spin dynamics in infinite-temperature one-dimensional quantum magnets. <i>Physical Review B</i> , 2020, 101, .	1.1	58
1192	Scale-invariant relaxation dynamics in two-component Bose-Einstein condensates with large particle-number imbalance. <i>Physical Review A</i> , 2020, 101, .	1.0	1
1193	Controllable finite-momenta dynamical quasicondensation in the periodically driven one-dimensional Fermi-Hubbard model. <i>Physical Review A</i> , 2020, 101, .	1.0	5

#	ARTICLE	IF	CITATIONS
1194	How order melts after quantum quenches. <i>Physical Review B</i> , 2020, 101, .	1.1	24
1195	Anomalous Behavior of Magnetic Susceptibility Obtained by Quench Experiments in Isolated Quantum Systems. <i>Physical Review Letters</i> , 2020, 124, 110609.	2.9	4
1196	Statistical localization: From strong fragmentation to strong edge modes. <i>Physical Review B</i> , 2020, 101, .	1.1	95
1197	Observation of dynamical fermionization. <i>Science</i> , 2020, 367, 1461-1464.	6.0	60
1198	Relaxation dynamics in a Hubbard dimer coupled to fermionic baths: Phenomenological description and its microscopic foundation. <i>Physical Review B</i> , 2020, 101, .	1.1	18
1199	Dissipative Distillation of Supercritical Quantum Gases. <i>Physical Review Letters</i> , 2020, 125, 020403.	2.9	2
1200	Quantum corrections to the classical field approximation for one-dimensional quantum many-body systems in equilibrium. <i>Physical Review B</i> , 2020, 101, .	1.1	4
1201	Dynamical quantum phase transitions of quantum spin chains with a Loschmidt-rate critical exponent equal to 12. <i>Physical Review B</i> , 2020, 101, .	1.1	10
1202	Disorderless Quasi-localization of Polar Gases in One-Dimensional Lattices. <i>Physical Review Letters</i> , 2020, 124, 010404.	2.9	19
1203	Non-equilibrium quantum spin dynamics from classical stochastic processes. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 013106.	0.9	11
1204	Quantitative Impact of Integrals of Motion on the Eigenstate Thermalization Hypothesis. <i>Physical Review Letters</i> , 2020, 124, 040603.	2.9	36
1205	Multipartite Entanglement Structure in the Eigenstate Thermalization Hypothesis. <i>Physical Review Letters</i> , 2020, 124, 040605.	2.9	30
1206	Dynamics and transport at the threshold of many-body localization. <i>Physics Reports</i> , 2020, 862, 1-62.	10.3	60
1207	Quantum Generalized Hydrodynamics. <i>Physical Review Letters</i> , 2020, 124, 140603.	2.9	89
1208	Ergodicity Breaking Arising from Hilbert Space Fragmentation in Dipole-Conserving Hamiltonians. <i>Physical Review X</i> , 2020, 10, .	2.8	239
1209	Collisions of solitary waves in condensates beyond mean-field theory. <i>Physical Review A</i> , 2020, 101, .	1.0	8
1210	Relaxation of Shannon entropy for trapped interacting bosons with dipolar interactions. <i>European Physical Journal D</i> , 2020, 74, 1.	0.6	6
1211	Creation of one dimensional array of magnetic field by tightly focused phase modulated azimuthal and radial variant vector beam. <i>Optics Communications</i> , 2021, 482, 126594.	1.0	1

#	ARTICLE	IF	CITATIONS
1212	Large-scale thermalization, prethermalization, and impact of temperature in the quench dynamics of two unequal Luttinger liquids. <i>Physical Review Research</i> , 2021, 3, .	1.3	13
1213	Signature of Generalized Gibbs Ensemble Deviation from Equilibrium: Negative Absorption Induced by a Local Quench. <i>Entropy</i> , 2021, 23, 220.	1.1	6
1214	A Mechanism of the Increase of Entropy in an Isolated Macroscopic System. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 024003.	0.7	1
1215	Hydrodynamics of nonintegrable systems from a relaxation-time approximation. <i>Physical Review B</i> , 2021, 103, .	1.1	21
1216	From Many-Body Oscillations to Thermalization in an Isolated Spinor Gas. <i>Physical Review Letters</i> , 2021, 126, 063401.	2.9	16
1217	Exact Spectral Function of a Tonks-Girardeau Gas in a Lattice. <i>Physical Review Letters</i> , 2021, 126, 065301.	2.9	6
1218	Thermalization of a quantum Newton's cradle in a one-dimensional quasicondensate. <i>Physical Review A</i> , 2021, 103, .	1.0	12
1219	Extension of the Generalized Hydrodynamics to the Dimensional Crossover Regime. <i>Physical Review Letters</i> , 2021, 126, 090602.	2.9	40
1220	Entanglement Dynamics of Random GUE Hamiltonians. <i>SciPost Physics</i> , 2021, 10, .	1.5	0
1221	Fermion-induced dynamical critical point. <i>Physical Review B</i> , 2021, 103, .	1.1	3
1222	Test of the Eigenstate Thermalization Hypothesis Based on Local Random Matrix Theory. <i>Physical Review Letters</i> , 2021, 126, 120602.	2.9	23
1223	Quantum quench dynamics of the Jaynes-Cummings-Hubbard model with weak nearest-neighbor hopping. <i>Europhysics Letters</i> , 2021, 134, 20007.	0.7	5
1224	Programmable quantum simulations of spin systems with trapped ions. <i>Reviews of Modern Physics</i> , 2021, 93, .	16.4	316
1225	Integrability breaking in the one-dimensional Bose gas: Atomic losses and energy loss. <i>Physical Review E</i> , 2021, 103, 042121.	0.8	14
1226	Low rank compression in the numerical solution of the nonequilibrium Dyson equation. <i>SciPost Physics</i> , 2021, 10, .	1.5	20
1227	Variational classical networks for dynamics in interacting quantum matter. <i>Physical Review B</i> , 2021, 103, .	1.1	11
1228	Josephson oscillations in split one-dimensional Bose gases. <i>SciPost Physics</i> , 2021, 10, .	1.5	15
1229	Adiabatic formation of bound states in the one-dimensional Bose gas. <i>Physical Review B</i> , 2021, 103, .	1.1	12

#	ARTICLE	IF	CITATIONS
1230	Finite-temperature transport in one-dimensional quantum lattice models. <i>Reviews of Modern Physics</i> , 2021, 93, .	16.4	170
1231	Postquench entropy growth in a chiral clock model. <i>Physical Review B</i> , 2021, 103, .	1.1	3
1232	One dimensional atom laser in microgravity. <i>Chinese Physics B</i> , 0, , .	0.7	1
1233	Unveiling Operator Growth Using Spin Correlation Functions. <i>Entropy</i> , 2021, 23, 587.	1.1	10
1234	Proposal for Realizing Quantum Scars in the Tilted 1D Fermi-Hubbard Model. <i>Physical Review Letters</i> , 2021, 126, 210601.	2.9	42
1235	Exact Real-Time Longitudinal Correlation Functions of the Massive $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">X \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Chain. <i>Physical Review Letters</i> , 2021, 126, 210602.	2.9	17
1236	Long-lived nonthermal states in pumped one-dimensional systems of hard-core bosons. <i>Physical Review B</i> , 2021, 103, .	1.1	1
1237	Quantum many-body scars and weak breaking of ergodicity. <i>Nature Physics</i> , 2021, 17, 675-685.	6.5	222
1238	Eigenstate thermalization in dual-unitary quantum circuits: Asymptotics of spectral functions. <i>Physical Review E</i> , 2021, 103, 062133.	0.8	21
1239	Analytical results for the low-temperature Drude weight of the XXZ spin chain. <i>Physical Review B</i> , 2021, 103, .	1.1	6
1240	Constructing Integrable Lindblad Superoperators. <i>Physical Review Letters</i> , 2021, 126, 240403.	2.9	41
1241	Eigenstate thermalization hypothesis through the lens of autocorrelation functions. <i>Physical Review B</i> , 2021, 103, .	1.1	26
1242	Direct Construction of Thermodynamic Laws from Quantum Mechanics. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 064002.	0.7	0
1243	The relevant excitations for the one-body function in the Lieb–Liniger model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 073103.	0.9	5
1244	Phases fluctuations and anomalous finite-time scaling in an externally applied field on finite-sized lattices. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 375401.	0.7	4
1245	Intriguing one-dimensional electronic behavior in emerging two-dimensional materials. <i>Nano Research</i> , 2021, 14, 3810-3819.	5.8	5
1246	Metastability and discrete spectrum of long-range systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	24
1247	Phases fluctuations, self-similarity breaking and anomalous scalings in driven nonequilibrium critical phenomena. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 385401.	0.7	4

#	ARTICLE	IF	CITATIONS
1248	Stability of Superdiffusion in Nearly Integrable Spin Chains. <i>Physical Review Letters</i> , 2021, 127, 057201.	2.9	37
1249	Undecidability in quantum thermalization. <i>Nature Communications</i> , 2021, 12, 5084.	5.8	12
1250	Analytic approaches to periodically driven closed quantum systems: methods and applications. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 443003.	0.7	27
1251	Analytical study of the sth-order perturbative corrections to the solution to a one-dimensional harmonic oscillator perturbed by a spatially power-law potential $V_{per}(x) = \hat{1} \gg x \hat{1} \pm$ . <i>AIP Advances</i> , 2021, 11, 085310.	0.6	0
1252	Quench dynamics of two-leg ladders with magnetic flux. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 576, 126062.	1.2	2
1253	Importance sampling scheme for the stochastic simulation of quantum spin dynamics. <i>SciPost Physics</i> , 2021, 11, .	1.5	2
1254	Emergent eigenstate solution for generalized thermalization. <i>Physical Review A</i> , 2021, 104, .	1.0	0
1255	<i>&lt;i&gt;In Situ&lt;/i&gt; Thermometry of Fermionic Cold-Atom Quantum Wires. <i>Physical Review Letters</i>, 2021, 127, 113602.</i>	2.9	5
1256	Roadmap on Atomtronics: State of the art and perspective. <i>AVS Quantum Science</i> , 2021, 3, .	1.8	87
1257	The staircase model: massless flows and hydrodynamics. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 404005.	0.7	3
1258	Out-of-time-order correlations and the fine structure of eigenstate thermalization. <i>Physical Review E</i> , 2021, 104, 034120.	0.8	22
1259	Quenches in initially coupled Tomonaga-Luttinger Liquids: a conformal field theory approach. <i>SciPost Physics</i> , 2021, 11, .	1.5	11
1260	Topological quantum many-body scars in quantum dimer models on the kagome lattice. <i>Physical Review B</i> , 2021, 104, .	1.1	19
1261	Time reversal symmetry protected chaotic fixed point in the quench dynamics of a topological p-wave superfluid. <i>Physical Review B</i> , 2021, 104, .	1.1	1
1262	Toward nonthermal control of excited quantum materials: framework and investigations by ultrafast electron scattering and imaging. <i>Comptes Rendus Physique</i> , 2021, 22, 15-73.	0.3	4
1263	Nonequilibrium Dynamics and Weakly Broken Integrability. <i>Physical Review Letters</i> , 2021, 127, 130601.	2.9	32
1264	Systematic strong coupling expansion for out-of-equilibrium dynamics in the Lieb-Liniger model. <i>SciPost Physics</i> , 2021, 11, .	1.5	11
1265	Generalized hydrodynamics in strongly interacting 1D Bose gases. <i>Science</i> , 2021, 373, 1129-1133.	6.0	80

#	ARTICLE	IF	CITATIONS
1266	Coherent and dissipative dynamics at quantum phase transitions. <i>Physics Reports</i> , 2021, 936, 1-110.	10.3	50
1267	The two particle-hole pairs contribution to the dynamic correlation functions of quantum integrable models. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 013108.	0.9	9
1268	Ballistic propagation of a local impact in the one-dimensional XY model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 013103.	0.9	1
1269	Bidirectional dynamic scaling in an isolated Bose gas far from equilibrium. <i>Nature Physics</i> , 2021, 17, 457-461.	6.5	48
1270	Fermionization and fractional statistics in the strongly interacting one-dimensional Bose gas. <i>Laser Physics Letters</i> , 2007, 4, 77-83.	0.6	13
1272	One-Dimensional Atomic Superfluids as a Model System for Quantum Thermodynamics. <i>Fundamental Theories of Physics</i> , 2018, , 823-851.	0.1	3
1273	Studying Time-Dependent Quantum Phenomena with the Density-Matrix Renormalization Group. , 2008, , 637-652.		1
1274	Adiabatic Perturbation Theory: From Landau-Zener Problem to Quenching Through a Quantum Critical Point. <i>Lecture Notes in Physics</i> , 2010, , 75-114.	0.3	25
1275	Toward Room Temperature One-Dimensional Quantum Fluid in the Solid State: Exciton Polaritons in Zinc Oxide Microwires. <i>Springer Series in Solid-state Sciences</i> , 2013, , 231-255.	0.3	2
1276	Hydrodynamics of massless integrable RG flows and a non-equilibrium c-theorem. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	8
1277	Potential Insights into Nonequilibrium Behavior from Atomic Physics. <i>Contemporary Concepts of Condensed Matter Science</i> , 2012, , 177-202.	0.5	22
1278	One-dimensional Bose gas on an atom chip. <i>Annales De Physique</i> , 2008, 33, 1-94.	0.2	8
1279	Entanglement and thermodynamic entropy in a clean many-body-localized system. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 255603.	0.7	11
1280	A dissipative time crystal with or without $Z_2$ symmetry breaking. <i>New Journal of Physics</i> , 2020, 22, 075002.	1.2	19
1281	Prethermalization of weakly interacting bosons after a sudden interaction quench. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P05035.	0.9	12
1282	Excitations in the Yang-Gaudin Bose gas. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 063101.	0.9	6
1283	Emergent ballistic transport of Bose-Fermi mixtures in one dimension. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 464002.	0.7	9
1284	Interplay of solitons and radiation in one-dimensional Bose gases. <i>Physical Review A</i> , 2019, 99, .	1.0	6



#	ARTICLE	IF	CITATIONS
1285	Nonequilibrium non-Markovian steady states in open quantum many-body systems: Persistent oscillations in Heisenberg quantum spin chains. <i>Physical Review B</i> , 2020, 102, .	1.1	8
1286	Quantum disentangled liquid in the half-filled Hubbard model. <i>Physical Review B</i> , 2017, 96, .	1.1	19
1287	Quantum caustics and the hierarchy of light cones in quenched spin chains. <i>Physical Review Research</i> , 2019, 1, .	1.3	15
1288	Topological many-body scar states in dimensions one, two, and three. <i>Physical Review Research</i> , 2019, 1, .	1.3	75
1289	Steady-state phase diagram of a weakly driven chiral-coupled atomic chain. <i>Physical Review Research</i> , 2020, 2, .	1.3	17
1290	Probing eigenstate thermalization in quantum simulators via fluctuation-dissipation relations. <i>Physical Review Research</i> , 2020, 2, .	1.3	10
1291	Emergent Eigenstate Solution to Quantum Dynamics Far from Equilibrium. <i>Physical Review X</i> , 2017, 7, .	2.8	46
1292	Monitoring Quantum Simulators via Quantum Nondemolition Couplings to Atomic Clock Qubits. <i>PRX Quantum</i> , 2020, 1, .	3.5	18
1293	(Non-equilibrium) thermodynamics of integrable models: The Generalized Gibbs Ensemble description of the classical Neumann model. <i>Europhysics Letters</i> , 2020, 132, 50002.	0.7	8
1295	Quantum quenches to the attractive one-dimensional Bose gas: exact results. <i>SciPost Physics</i> , 2016, 1, .	1.5	58
1296	Time evolution during and after finite-time quantum quenches in the transverse-field Ising chain. , 2016, 1, .		38
1297	Correlations of zero-entropy critical states in the XXZ model: integrability and Luttinger theory far from the ground state. <i>SciPost Physics</i> , 2016, 1, .	1.5	12
1298	A note on generalized hydrodynamics: inhomogeneous fields and other concepts. <i>SciPost Physics</i> , 2017, 2, .	1.5	137
1299	Ground-state energy and excitation spectrum of the Lieb-Liniger model : accurate analytical results and conjectures about the exact solution. <i>SciPost Physics</i> , 2017, 3, .	1.5	33
1300	Inhomogeneous quenches in the transverse field Ising chain: scaling and front dynamics. <i>SciPost Physics</i> , 2017, 3, .	1.5	58
1301	Probing non-thermal density fluctuations in the one-dimensional Bose gas. <i>SciPost Physics</i> , 2017, 3, .	1.5	19
1302	Dissipation-driven integrable fermionic systems: from graded Yangians to exact nonequilibrium steady states. <i>SciPost Physics</i> , 2017, 3, .	1.5	13
1303	Quantum quench dynamics of the attractive one-dimensional Bose gas via the coordinate Bethe ansatz. <i>SciPost Physics</i> , 2018, 4, .	1.5	13

#	ARTICLE	IF	CITATIONS
1304	Entanglement dynamics after quantum quenches in generic integrable systems. SciPost Physics, 2018, 4, .	1.5	164
1305	Universal scaling of quench-induced correlations in a one-dimensional channel at finite temperature. SciPost Physics, 2018, 4, .	1.5	8
1306	Generalized hydrodynamics of classical integrable field theory: the sinh-Gordon model. SciPost Physics, 2018, 4, .	1.5	80
1307	Integrable Floquet QFT: Elasticity and factorization under periodic driving. SciPost Physics, 2018, 5, .	1.5	2
1308	Transfer matrix spectrum for cyclic representations of the 6-vertex reflection algebra II. SciPost Physics, 2018, 5, .	1.5	6
1309	Quench dynamics of the Ising field theory in a magnetic field. SciPost Physics, 2018, 5, .	1.5	33
1310	Equations of state in generalized hydrodynamics. , 2019, 6, .		44
1311	Conformal field theory on top of a breathing one-dimensional gas of hard core bosons. SciPost Physics, 2019, 6, .	1.5	44
1312	The propagator of the finite XXZ spin- $\frac{1}{2}$ chain. SciPost Physics, 2019, 6, .	1.5	3
1313	Hydrodynamics of the interacting Bose gas in the Quantum Newton Cradle setup. SciPost Physics, 2019, 6, .	1.5	70
1314	Equilibration towards generalized Gibbs ensembles in non-interacting theories. SciPost Physics, 2019, 7, .	1.5	23
1315	Conjectures about the structure of strong- and weak-coupling expansions of a few ground-state observables in the Lieb-Liniger and Yang-Gaudin models. SciPost Physics, 2019, 7, .	1.5	4
1316	Transport fluctuations in integrable models out of equilibrium. SciPost Physics, 2020, 8, .	1.5	34
1317	Introducing iFluid: a numerical framework for solving hydrodynamical equations in integrable models. SciPost Physics, 2020, 8, .	1.5	28
1318	Entanglement spreading and quasiparticle picture beyond the pair structure. SciPost Physics, 2020, 8, .	1.5	14
1319	Exact out-of-equilibrium steady states in the semiclassical limit of the interacting Bose gas. SciPost Physics, 2020, 9, .	1.5	12
1320	A systematic interpolatory method for an impurity in a one-dimensional fermionic background. SciPost Physics, 2020, 9, .	1.5	3
1321	Relaxation and entropy generation after quenching quantum spin chains. SciPost Physics, 2020, 9, .	1.5	6

#	ARTICLE	IF	CITATIONS
1322	The effect of atom losses on the distribution of rapidities in the one-dimensional Bose gas. SciPost Physics, 2020, 9, .	1.5	50
1323	Relaxation of bosons in one dimension and the onset of dimensional crossover. SciPost Physics, 2020, 9, .	1.5	19
1324	A systematic $1/c$ -expansion of form factor sums for dynamical correlations in the Lieb-Liniger model. SciPost Physics, 2020, 9, .	1.5	26
1325	Euler-scale dynamical correlations in integrable systems with fluid motion. SciPost Physics Core, 2020, 3, .	0.9	20
1326	Lecture notes on Generalised Hydrodynamics. SciPost Physics Lecture Notes, 0, , .	0.0	103
1327	Entanglement spreading in non-equilibrium integrable systems. SciPost Physics Lecture Notes, 0, , .	0.0	35
1328	Quantum simulation of gauge potentials with cold atoms in optical lattices: a tunable platform for relativistic fermions and axions. , 2014, , .		1
1329	Introduction to quantum integrability. , 2015, , .		4
1330	Role of energy uncertainties in ergodicity breaking induced by competing interactions and disorder. A dynamical assessment through the Loschmidt echo.. Papers in Physics, 2015, 7, .	0.2	4
1331	Spatiotemporal spread of perturbations in power-law models at low temperatures: Exact results for classical out-of-time-order correlators. Physical Review E, 2021, 104, 044117.	0.8	8
1332	Quasiparticle kinetic theory for Calogero models. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 474001.	0.7	6
1333	Periodic and aperiodic dynamics of flat bands in diamond-octagon lattice. Physical Review B, 2021, 104, .	1.1	4
1334	Diffusive hydrodynamics of inhomogenous Hamiltonians. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 494001.	0.7	12
1335	Universal Correlations in a Nonlinear Periodic 1D System. , 2009, , .		0
1336	Exploiting Quench Dynamics in Spin Chains for Distant Entanglement and Quantum Communication. , 2011, , 15-30.		0
1337	The antiferromagnetic Heisenberg model after a suddenly switched-on interaction. Wuli Xuebao/Acta Physica Sinica, 2011, 60, 031101.	0.2	0
1338	Quantum phase-space analysis of equilibration in multi-well Bose-Hubbard systems. , 2011, , .		0
1339	Optimal Time-Dependent Lattice Models for Nonequilibrium Dynamics. , 2011, , 89-103.		0

#	ARTICLE	IF	CITATIONS
1341	Exact traveling wave solutions for simplified model of Gross-Pitaevskii equation in the 1D-Tonks-Girardeau gas. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 100202.	0.2	0
1342	Relaxation Dynamics in an Imbalanced Pair of One-Dimensional Bose Gases. Springer Theses, 2015, , 123-133.	0.0	0
1343	Hyperfine Molecular Hubbard Hamiltonian. Springer Theses, 2015, , 93-119.	0.0	0
1344	Out-of-Equilibrium Dynamics with Matrix Product States. Springer Theses, 2015, , 177-222.	0.0	0
1345	Experimental Observation of a Generalized Gibbs Ensemble. Springer Theses, 2015, , 111-121.	0.0	0
1346	Relaxation and Prethermalization in One-Dimensional Bose Gases. Springer Theses, 2015, , 75-95.	0.0	0
1347	Effective Particles in Quantum Spin Chains: Applications. Springer Theses, 2017, , 125-165.	0.0	0
1348	From 3D to 1D and Back to 2D. Springer Theses, 2018, , 5-48.	0.0	0
1349	Time evolution of effective central charge and signatures of RG irreversibility after a quantum quench. SciPost Physics, 2018, 4, .	1.5	0
1351	Effects of multisite interaction on nonequilibrium thermodynamics of XY spin chain in a transverse field. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 240506.	0.2	1
1353	Persistence of power-law correlations in nonequilibrium steady states of gapped quantum spin chains. Physical Review Research, 2019, 1, .	1.3	2
1354	Universal Relaxation in Quantum Systems. Advances in Dynamics, Patterns, Cognition, 2020, , 111-130.	0.2	0
1355	Nonequilibrium thermodynamics and optimal cooling of a dilute atomic gas. Physical Review Research, 2020, 2, .	1.3	7
1356	Noncommutative generalized Gibbs ensemble in isolated integrable quantum systems. Physical Review Research, 2020, 2, .	1.3	10
1357	Dynamics of spontaneous symmetry breaking in a space-time crystal. Physical Review A, 2021, 104, .	1.0	3
1358	Magnetization dynamics in the XX spin chain model via multiparticle state. Physical Review B, 2021, 104, .	1.1	0
1359	Feedback-stabilized dynamical steady states in the Bose-Hubbard model. Physical Review Research, 2021, 3, .	1.3	7
1360	Quench dynamics of two-component dipolar fermions subject to a quasiperiodic potential. Physical Review B, 2020, 102, .	1.1	2

#	ARTICLE	IF	CITATIONS
1361	Relaxation to Generalized Gibbs Ensembles in Quadratic Quantum Open Systems. Journal of the Physical Society of Japan, 2020, 89, 124005.	0.7	0
1362	Quantum quenches in the Dicke model: Thermalization and failure of the generalized Gibbs ensemble. Chinese Physics B, 2020, 29, 120506.	0.7	1
1363	Out-of-Equilibrium Quantum Dynamics. Springer Theses, 2020, , 87-143.	0.0	0
1364	Fluctuations of work in realistic equilibrium states of quantum systems with conserved quantities. SciPost Physics Proceedings, 2020, , .	0.2	3
1365	Equivalence of spatial and particle entanglement growth after a quantum quench. Physical Review B, 2021, 104, .	1.1	6
1366	Almost complete revivals in quantum many-body systems. Physical Review A, 2021, 104, .	1.0	3
1367	Quantum generalized hydrodynamics of the Tonksâ€“Girardeau gas: density fluctuations and entanglement entropy. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 024003.	0.7	20
1368	Universality in the onset of quantum chaos in many-body systems. Physical Review B, 2021, 104, .	1.1	32
1369	Prethermalization, thermalization, and Fermi's golden rule in quantum many-body systems. Physical Review B, 2021, 104, .	1.1	4
1370	Formation and quench of homonuclear and heteronuclear quantum droplets in one dimension. Physical Review Research, 2021, 3, .	1.3	19
1371	Developments in atomic control using ultracold magnetic lanthanides. Nature Physics, 2021, 17, 1349-1357.	6.5	32
1372	Hydrodynamics of weak integrability breaking. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 114003.	0.9	48
1373	Generalized-hydrodynamic approach to inhomogeneous quenches: correlations, entanglement and quantum effects. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 114004.	0.9	65
1374	Introduction to the Special Issue on Emergent Hydrodynamics in Integrable Many-Body Systems. Journal of Statistical Mechanics: Theory and Experiment, 2022, 2022, 014001.	0.9	37
1375	Nonequilibrium Charge Dynamics of Tomonagaâ€“Luttinger Liquids in Quantum Hall Edge Channels. Annalen Der Physik, 2022, 534, .	0.9	7
1376	The origin of irreversibility and thermalization in thermodynamic processes. Physics Reports, 2022, 944, 1-43.	10.3	7
1377	Thermalization of small quantum systems: from the zeroth law of thermodynamics. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 055002.	0.7	0
1378	Duality between Weak and Strong Interactions in Quantum Gases. Physical Review Letters, 2022, 128, 021604.	2.9	8

#	ARTICLE	IF	CITATIONS
1379	Hydrodynamic Projections and the Emergence of Linearised Euler Equations in One-Dimensional Isolated Systems. <i>Communications in Mathematical Physics</i> , 2022, 391, 293-356.	1.0	15
1380	On the dynamics of free-fermionic tau-functions at finite temperature. <i>SciPost Physics Core</i> , 2022, 5, .	0.9	7
1381	Generalized hydrodynamics in the one-dimensional Bose gas: theory and experiments. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2022, 2022, 014003.	0.9	41
1382	Thermalization of many many-body interacting Sachdev-Ye-Kitaev models. <i>Physical Review B</i> , 2022, 105, .	1.1	10
1383	Rainbow scars: From area to volume law. <i>Physical Review B</i> , 2022, 105, .	1.1	32
1384	Generalized hydrodynamics of the attractive non-linear Schrödinger equation. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 134001.	0.7	10
1385	Exact description of quantum stochastic models as quantum resistors. <i>Physical Review Research</i> , 2022, 4, .	1.3	11
1386	Protocol designs for NOON states. <i>Communications Physics</i> , 2022, 5, .	2.0	17
1387	Quantum dynamics of Gaudin magnets. <i>Communications in Theoretical Physics</i> , 2022, 74, 095102.	1.1	3
1388	On computing non-equilibrium dynamics following a quench. <i>SciPost Physics</i> , 2021, 11, .	1.5	5
1389	Large-time and long-distance asymptotics of the thermal correlators of the impenetrable anyonic lattice gas. <i>Physical Review B</i> , 2022, 105, .	1.1	9
1390	Bernstein-Greene-Kruskal and Case-Van Kampen Modes for the Landau-Vlasov Equation. <i>Atoms</i> , 2022, 10, 28.	0.7	0
1391	Mediated Interactions beyond the Nearest Neighbor in an Array of Superconducting Qubits. <i>Physical Review Applied</i> , 2022, 17, .	1.5	8
1392	Tails of Instability and Decay: a Hydrodynamic Perspective. <i>SciPost Physics</i> , 2022, 12, .	1.5	3
1393	Dynamical relaxation of correlators in periodically driven integrable quantum systems. <i>Physical Review B</i> , 2022, 105, .	1.1	12
1394	Dynamics for the Haldane phase in the bilinear-biquadratic model. <i>Physical Review B</i> , 2022, 105, .	1.1	0
1395	Dynamics of the Entanglement Zero Modes in the Haldane Model under a Quantum Quench. <i>Chinese Physics Letters</i> , 2022, 39, 030301.	1.3	0
1396	Exact time evolution formulae in the XXZ spin chain with domain wall initial state. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 204003.	0.7	4

#	ARTICLE	IF	CITATIONS
1397	Generalised hydrodynamics of particle creation and decay. Journal of High Energy Physics, 2022, 2022, 1.	1.6	1
1398	Entanglement Propagation in Thermalization of an Isolated Quantum System. Journal of the Physical Society of Japan, 2022, 91, .	0.7	4
1399	Quantum dynamics research in India: a perspective. Journal of Physics Condensed Matter, 2022, 34, 100401.	0.7	0
1400	Building ground states of the Hubbard model by time-ordered bound-pair injection. Physical Review B, 2021, 104, .	1.1	1
1401	Hyperchaos in a Bose-Hubbard Chain with Rydberg-Dressed Interactions. Photonics, 2021, 8, 554.	0.9	2
1402	Stability of scar states in the two-dimensional PXP model against random disorder. Physical Review B, 2021, 104, .	1.1	6
1403	Bloch oscillations and the lack of the decay of the false vacuum in a one-dimensional quantum spin chain. SciPost Physics, 2022, 12, .	1.5	13
1404	Time scaling of entanglement in integrable scale-invariant theories. Physical Review Research, 2022, 4, .	1.3	7
1405	Dynamics of the order parameter statistics in the long range Ising model. SciPost Physics, 2022, 12, .	1.5	2
1406	Random matrix theory for quantum and classical metastability in local Liouvillians. Physical Review B, 2022, 105, .	1.1	7
1407	Expansion of a one-dimensional Bose gas: the role of interactions and kinetic-energy driving. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 135301.	0.6	1
1408	Strongly interacting trapped one-dimensional quantum gases: Exact solution. AVS Quantum Science, 2022, 4, .	1.8	15
1409	Parity-Dependent Quantum Phase Transition in the Quantum Ising Chain in a Transverse Field. Symmetry, 2022, 14, 996.	1.1	3
1410	Deep Learning of Quantum Many-Body Dynamics via Random Driving. Quantum - the Open Journal for Quantum Science, 0, 6, 714.	0.0	6
1411	Many-body localization in a quantum gas with long-range interactions and linear external potential. Physical Review B, 2022, 105, .	1.1	2
1412	Dynamics of quantum state and effective Hamiltonian with vector differential form of motion method. Chinese Physics Letters, 0, , .	1.3	0
1413	Universal spin-mixing oscillations in a strongly interacting one-dimensional Fermi gas. Physical Review A, 2022, 105, .	1.0	4
1414	Odd thermodynamic limit for the Loschmidt echo. Physical Review B, 2022, 105, .	1.1	1

#	ARTICLE	IF	CITATIONS
1415	Onset of many-body quantum chaos due to breaking integrability. <i>Physical Review B</i> , 2022, 105, .	1.1	19
1416	Space continuous atom laser in one dimension. <i>Chinese Physics B</i> , 0, , .	0.7	0
1417	Entanglement and thermalization in the extended Bose-Hubbard model after a quantum quench: A correlation analysis. <i>Chinese Physics B</i> , 2023, 32, 020506.	0.7	1
1418	Fractons' exotic flow. <i>Nature Physics</i> , 0, , .	6.5	0
1419	Experimental verification of generalized eigenstate thermalization hypothesis in an integrable system. <i>Light: Science and Applications</i> , 2022, 11, .	7.7	7
1420	Dynamical fermionization in a one-dimensional Bose-Fermi mixture. <i>Physical Review A</i> , 2022, 105, .	1.0	6
1421	Density Matrix Renormalization Group for Continuous Quantum Systems. <i>Physical Review Letters</i> , 2022, 128, .	2.9	2
1422	Quantum memory at an eigenstate phase transition in a weakly chaotic model. <i>Physical Review A</i> , 2022, 106, .	1.0	4
1423	Entanglement in interacting quenched two-body coupled oscillator system. <i>Physical Review D</i> , 2022, 106, .	1.6	5
1424	Spatiotemporal dynamics of particle collisions in quantum spin chains. <i>Physical Review Research</i> , 2022, 4, .	1.3	9
1425	Nonequilibrium many-body dynamics in supersymmetric quenching. <i>Physical Review Research</i> , 2022, 4, .	1.3	1
1426	Long-lived phantom helix states in Heisenberg quantum magnets. <i>Nature Physics</i> , 2022, 18, 899-904.	6.5	29
1427	Statistical properties of the off-diagonal matrix elements of observables in eigenstates of integrable systems. <i>Physical Review E</i> , 2022, 106, .	0.8	3
1428	Volume-Law Entanglement Entropy of Typical Pure Quantum States. <i>PRX Quantum</i> , 2022, 3, .	3.5	38
1429	Integrable Atomtronic Interferometry. <i>Physical Review Letters</i> , 2022, 129, .	2.9	9
1430	Emergence of Hilbert Space Fragmentation in Ising Models with a Weak Transverse Field. <i>Physical Review Letters</i> , 2022, 129, .	2.9	20
1431	H-Theorem in an Isolated Quantum Harmonic Oscillator. <i>Entropy</i> , 2022, 24, 1163.	1.1	0
1432	Exact hydrodynamic description of symmetry-resolved Rényi entropies after a quantum quench. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2022, 2022, 083104.	0.9	19



#	ARTICLE	IF	CITATIONS
1433	Periodically driven Rydberg chains with staggered detuning. <i>Physical Review B</i> , 2022, 106, .	1.1	9
1434	Mobile impurity in a one-dimensional gas at finite temperatures. <i>Physical Review A</i> , 2022, 106, .	1.0	2
1435	Ergodicity Breaking Transition in Zero Dimensions. <i>Physical Review Letters</i> , 2022, 129, .	2.9	10
1436	Out-of-Time-Order correlators in driven conformal field theories. <i>Journal of High Energy Physics</i> , 2022, 2022, .	1.6	5
1437	Nonlinear Transport by Bethe Bound States. <i>Physical Review Letters</i> , 2022, 129, .	2.9	2
1438	Expansion of a quantum gas in a shell trap. <i>New Journal of Physics</i> , 2022, 24, 093040.	1.2	12
1439	Influence of Spark Discharges on Multiple Collisions of Two Steel Balls in Newton's Cradle. <i>Technical Physics</i> , 2022, 67, 191-196.	0.2	0
1440	Nonequilibrium Prethermal States in a Two-Dimensional Photon Fluid. <i>Physical Review Letters</i> , 2022, 129, .	2.9	7
1441	The scientific career and contributions of Prof. Wang Yiqiu. <i>Frontiers in Physics</i> , 0, 10, .	1.0	0
1442	Burgers Turbulence in the Fermi-Pasta-Ulam-Tsingou Chain. <i>Physical Review Letters</i> , 2022, 129, .	2.9	6
1443	New trends in quantum integrability: recent experiments with ultracold atoms. <i>Reports on Progress in Physics</i> , 2022, 85, 114001.	8.1	10
1444	Generalized hydrodynamics of the repulsive spin- $\frac{1}{2}$ Fermi gas. <i>Physical Review B</i> , 2022, 106, .		
1445	Crises and chaotic transients of a tristable magnetoelastic oscillator. <i>Indian Journal of Physics</i> , 0, , .	0.9	0
1446	Measurement catastrophe and ballistic spread of charge density with vanishing current. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 474001.	0.7	5
1447	Global bifurcations of a multi-stable nonlinear oscillator. <i>Archive of Applied Mechanics</i> , 0, , .	1.2	0
1448	Exact spectral function of the Tonks-Girardeau gas at finite temperature. <i>Physical Review A</i> , 2022, 106, .	1.0	1
1449	Constructing quantum many-body scar Hamiltonians from Floquet automata. <i>Physical Review B</i> , 2022, 106, .	1.1	7
1450	Finite-temperature dynamics in gapped one-dimensional models in the sine-Gordon family. <i>Physical Review B</i> , 2022, 106, .	1.1	6

#	ARTICLE	IF	CITATIONS
1451	Doubly stochastic and permutation solutions to $AXA^{-1} = XAX$ when A is a permutation matrix. <i>Linear Algebra and Its Applications</i> , 2023, 661, 79-105.	0.4	3
1452	Hilbert space shattering and dynamical freezing in the quantum Ising model. <i>Physical Review B</i> , 2022, 106, .	1.1	13
1453	Dipolar physics: a review of experiments with magnetic quantum gases. <i>Reports on Progress in Physics</i> , 2023, 86, 026401.	8.1	96
1454	Emergent Pauli Blocking in a Weakly Interacting Bose Gas. <i>Physical Review X</i> , 2022, 12, .	2.8	7
1455	Random Quantum Circuits. <i>Annual Review of Condensed Matter Physics</i> , 2023, 14, 335-379.	5.2	84
1456	Quantum Many-Body Scars: A Quasiparticle Perspective. <i>Annual Review of Condensed Matter Physics</i> , 2023, 14, 443-469.	5.2	55
1457	Bridging quantum many-body scars and quantum integrability in Ising chains with transverse and longitudinal fields. <i>Physical Review B</i> , 2022, 106, .	1.1	4
1458	Driven quantum bits push computational limit. <i>Nature</i> , 2022, 612, 217-218.	13.7	2
1459	Thermal conductivity of a weakly interacting Bose gas in quasi-one-dimension. <i>Physical Review E</i> , 2022, 106, .	0.8	3
1460	Analytical results for the entanglement dynamics of disjoint blocks in the XY spin chain. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 505005.	0.7	7
1461	Exploring Integrability-Chaos Transition with a Sequence of Independent Perturbations. <i>Physical Review Letters</i> , 2023, 130, .	2.9	2
1462	Assessing quantum thermalization in physical and configuration spaces via many-body weak values. <i>Physical Review A</i> , 2023, 107, .	1.0	2
1463	Exact Results for the Moments of the Rapidity Distribution in Galilean-Invariant Integrable Models. <i>Physical Review Letters</i> , 2023, 130, .	2.9	1
1464	Solution of the BEC to BCS Quench in One Dimension. <i>Physical Review Letters</i> , 2023, 130, .	2.9	7
1465	Anomalous transport from hot quasiparticles in interacting spin chains. <i>Reports on Progress in Physics</i> , 2023, 86, 036502.	8.1	7
1466	Classical and quantum metrology of the Lieb-Liniger model. <i>Physical Review A</i> , 2022, 106, .	1.0	0
1467	Phonon decay in one-dimensional atomic Bose condensates via Beliaev-Landau damping. <i>Physical Review B</i> , 2022, 106, .	1.1	2
1468	Viscous flow in a one-dimensional spin-polarized Fermi gas: The role of integrability on viscosity. <i>Physical Review A</i> , 2023, 107, .	1.0	2

#	ARTICLE	IF	CITATIONS
1469	Correlation properties of a one-dimensional repulsive Bose gas at finite temperature. <i>New Journal of Physics</i> , 2023, 25, 043002.	1.2	4
1470	Finite-temperature equilibrium density profiles of integrable systems in confining potentials. <i>Physical Review E</i> , 2023, 107, .	0.8	1
1471	Observation of many-body scarring in a Bose-Hubbard quantum simulator. <i>Physical Review Research</i> , 2023, 5, .	1.3	42
1472	Thermalization of Interacting Quasi-One-Dimensional Systems. <i>Physical Review Letters</i> , 2023, 130, .	2.9	5
1473	Operational Definition of the Temperature of a Quantum State. <i>Physical Review Letters</i> , 2023, 130, .	2.9	5
1474	Quantum coherence controls the nature of equilibration and thermalization in coupled chaotic systems. <i>Physical Review E</i> , 2023, 107, .	0.8	3
1475	Power-law decay of correlations after a global quench in the massive XXZ chain. <i>Physical Review B</i> , 2023, 107, .	1.1	3
1476	Effective Stochastic Model for Chaos in the Fermiâ€“Pastaâ€“Ulamâ€“Tsingou Chain. <i>Journal of Statistical Physics</i> , 2023, 190, .	0.5	1
1477	Entanglement witnesses in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML">\langle \text{mml:mrow}>\langle \text{mml:mi}>X</\text{mml:mi}>\langle \text{mml:mi}>Y</\text{mml:mi}></\text{mml:mrow}></\text{mml:math}\rangle$ chain: Thermal equilibrium and postquench nonequilibrium states. <i>Physical Review Research</i> , 2023, 5, .	0.5	0
1478	Time-resolved single-particle spectrum of the one-dimensional extended Hubbard model after interaction quenches. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2023, 56, 085101.	0.6	0
1479	Three types of Landauerâ€™s erasure principle: a microscopic view. <i>European Physical Journal Plus</i> , 2023, 138, .	1.2	1
1480	Frequency beating and damping of breathing oscillations of a harmonically trapped one-dimensional quasicondensate. <i>Comptes Rendus Physique</i> , 2023, 24, 1-24.	0.3	2
1481	Lindbladian route towards thermalization of a Luttinger liquid. <i>Physical Review B</i> , 2023, 107, .	1.1	1
1482	Quantum kinetics of quenched two-dimensional Bose superfluids. <i>Physical Review A</i> , 2023, 107, .	1.0	1
1483	Stochastic representation of the quantum quartic oscillator. <i>SciPost Physics Core</i> , 2023, 6, .	0.9	0
1484	Entanglement of stationary states in the presence of unstable quasiparticles. <i>Journal of High Energy Physics</i> , 2023, 2023, .	1.6	1
1485	Dynamical Fermionization in One-Dimensional Spinor Gases at Finite Temperature. <i>Physical Review Letters</i> , 2023, 130, .	2.9	1
1529	The theory of generalised hydrodynamics for the one-dimensional Bose gas. <i>AAPPs Bulletin</i> , 2023, 33, .	2.7	0

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