

Dynamical quantum phase transitions: a review

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dynamical quantum phase transitions in extended transverse Ising models. <i>Physical Review B</i> , 2018, 97, .	1.1	27
2	Concurrence of dynamical phase transitions at finite temperature in the fully connected transverse-field Ising model. <i>Physical Review B</i> , 2018, 97, .	1.1	67
3	Dynamical quantum correlations after sudden quenches. <i>Physical Review A</i> , 2018, 98, .	1.0	18
4	Quantum purification spectroscopy. <i>Physical Review A</i> , 2018, 98, .	1.0	1
5	Uncover Topology by Quantum Quench Dynamics. <i>Physical Review Letters</i> , 2018, 121, 250403.	2.9	114
6	Dynamical Critical Scaling of Long-Range Interacting Quantum Magnets. <i>Physical Review Letters</i> , 2018, 121, 240403.	2.9	48
7	Static and dynamic phases of a Tonks-Girardeau gas in an optical lattice. <i>New Journal of Physics</i> , 2018, 20, 113011.	1.2	8
8	Experimental Observation of a Time-Driven Phase Transition in Quantum Chaos. <i>Physical Review Letters</i> , 2018, 121, 134101.	2.9	16
9	Dynamical Quantum Phase Transitions: A Geometric Picture. <i>Physical Review Letters</i> , 2018, 121, 130603.	2.9	69
10	Hydrodynamical phase transition for domain-wall melting in the XY chain. <i>Physical Review B</i> , 2018, 98, .	1.1	23
11	Detecting topological phases via survival probabilities of edge Majorana fermions. <i>Physical Review E</i> , 2018, 98, .	0.8	11
12	Dynamical quantum phase transition for mixed states in open systems. <i>Physical Review B</i> , 2018, 98, .	1.1	21
13	Role of topology on the work distribution function of a quenched Haldane model of graphene. <i>Physical Review B</i> , 2018, 98, .	1.1	1
14	Analytical description of the survival probability of coherent states in regular regimes. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 475302.	0.7	22
15	Dynamical quantum phase transitions in discrete time crystals. <i>Physical Review A</i> , 2018, 97, .	1.0	51
16	Constructing effective free energies for dynamical quantum phase transitions in the transverse-field Ising chain. <i>Physical Review B</i> , 2018, 97, .	1.1	18
17	Solvation in Space-time: Pretransition Effects in Trajectory Space. <i>Physical Review Letters</i> , 2018, 120, 260602.	2.9	10
18	Detecting Equilibrium and Dynamical Quantum Phase Transitions in Ising Chains via Out-of-Time-Ordered Correlators. <i>Physical Review Letters</i> , 2018, 121, 016801.	2.9	108

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19	Quantum quench dynamics in Dicke superradiance models. <i>Physical Review A</i> , 2018, 98, .	1.0	42
20	Aging dynamics in quenched noisy long-range quantum Ising models. <i>Physical Review B</i> , 2018, 98, .	1.1	8
21	Time crystals: Analysis of experimental conditions. <i>Physical Review A</i> , 2018, 98, .	1.0	54
22	Dynamical Phase Transitions in Sampling Complexity. <i>Physical Review Letters</i> , 2018, 121, 030501.	2.9	29
23	Exploring the possibilities of dynamical quantum phase transitions in the presence of a Markovian bath. <i>Scientific Reports</i> , 2018, 8, 11921.	1.6	17
24	Dynamical topological invariants and reduced rate functions for dynamical quantum phase transitions in two dimensions. <i>Physical Review A</i> , 2018, 98, .	1.0	25
25	Dynamical quantum phase transitions in systems with broken continuous time and space translation symmetries. <i>Physical Review A</i> , 2018, 98, .	1.0	25
26	Dynamics of a many-body quantum spin system caused by a sequence of pulses. <i>Physical Review B</i> , 2018, 98, .	1.1	1
27	Learning phase transitions from dynamics. <i>Physical Review B</i> , 2018, 98, .	1.1	43
28	Dynamical quantum phase transitions in non-Hermitian lattices. <i>Physical Review A</i> , 2018, 98, .	1.0	88
29	Dynamic finite-size scaling after a quench at quantum transitions. <i>Physical Review E</i> , 2018, 97, 052148.	0.8	27
30	Quantum dynamics of the intramolecular vibrational energy redistribution in OCS: From localization to quasi-thermalization. <i>Journal of Chemical Physics</i> , 2018, 148, 214302.	1.2	10
31	Improving quantum annealing of the ferromagnetic $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML">\langle \text{mml:mi}>p\langle /mml:mi>\langle /mml:math>$ -spin model through pausing. <i>Physical Review B</i> , 2019, 100, .	1.1	35
32	On the time evolution of fermionic occupation numbers. <i>Journal of Chemical Physics</i> , 2019, 151, 044112.	1.2	12
33	Observation of dynamical phase transitions in a topological nanomechanical system. <i>Physical Review B</i> , 2019, 100, .	1.1	43
34	Return amplitude after a quantum quench in the XY chain. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 083102.	0.9	8
35	Integrable quenches in nested spin chains II: fusion of boundary transfer matrices. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 063104.	0.9	20
36	Observation of dynamical quantum phase transitions in a spinor condensate. <i>Physical Review A</i> , 2019, 100, .	1.0	33

#	ARTICLE	IF	CITATIONS
37	Boundaries and Unphysical Fixed Points in Dynamical Quantum Phase Transitions. Physical Review Letters, 2019, 123, 160603.	2.9	16
38	Symmetry, criticality and complex systems. AIP Conference Proceedings, 2019, , .	0.3	4
39	Engineering first-order quantum phase transitions for weak signal detection. Journal of Applied Physics, 2019, 126, .	1.1	15
40	Quench action and large deviations: Work statistics in the one-dimensional Bose gas. Physical Review E, 2019, 100, 032114.	0.8	22
41	Dynamical quantum phase transitions in extended toric-code models. Physical Review B, 2019, 100, .	1.1	14
42	Floquet time spirals and stable discrete-time quasicrystals in quasiperiodically driven quantum many-body systems. Physical Review B, 2019, 100, .	1.1	22
43	Effects of geometry on spin-orbit Kramers states in semiconducting nanorings. Europhysics Letters, 2019, 127, 30001.	0.7	1
44	Quantum work of an optical lattice. Physical Review B, 2019, 100, .	1.1	9
45	Floquet dynamical quantum phase transitions. Physical Review B, 2019, 100, .	1.1	63
46	Measuring complex-partition-function zeros of Ising models in quantum simulators. Physical Review A, 2019, 100, .	1.0	14
47	Dynamical criticality and domain-wall coupling in long-range Hamiltonians. Physical Review B, 2019, 100, .	1.1	36
48	Discrete and generalized phase space techniques in critical quantum spin chains. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 125932.	0.9	4
49	Probing Ground-State Phase Transitions through Quench Dynamics. Physical Review Letters, 2019, 123, 115701.	2.9	32
50	Quantum Kibble-Zurek physics in long-range transverse-field Ising models. Physical Review A, 2019, 100, .	1.0	26
51	Probing Quantum Criticality and Symmetry Breaking at the Microscopic Level. Physical Review Letters, 2019, 123, 120601.	2.9	19
52	Two-dimensional Fermi liquid dynamics with density-density and quadrupolar interactions. Physical Review B, 2019, 100, .	1.1	5
53	Fixed Points and Dynamic Topological Phenomena in a Parity-Time-Symmetric Quantum Quench. IScience, 2019, 20, 392-401.	1.9	27
54	Bosons condensed in two modes with flavor-changing interaction. Physical Review A, 2019, 99, .	1.0	3

#	ARTICLE	IF	CITATIONS
55	Features of the magnon system response to the "spin echo". Low Temperature Physics, 2019, 45, 518-523.	0.2	0
56	Dynamical Quantum Phase Transitions in U(1) Quantum Link Models. Physical Review Letters, 2019, 122, 250401.	2.9	43
57	Dynamical Topological Quantum Phase Transitions in Nonintegrable Models. Physical Review Letters, 2019, 122, 250601.	2.9	25
58	Markovian and Non-Markovian Dynamics in the One-Dimensional Transverse-Field XY Model. Journal of Statistical Physics, 2019, 176, 492-504.	0.5	1
59	Observation of emergent momentum"time skyrmions in parity"time-symmetric non-unitary quench dynamics. Nature Communications, 2019, 10, 2293.	5.8	81
60	Eigenstate Distribution Fluctuation of a Quenched Disordered Bose"Hubbard System in Thermal-to-Localized Transitions. Chinese Physics Letters, 2019, 36, 027201.	1.3	1
61	Dynamical quantum phase transitions in Weyl semimetals. Physical Review B, 2019, 99, .	1.1	9
62	Observation of a Dynamical Quantum Phase Transition by a Superconducting Qubit Simulation. Physical Review Applied, 2019, 11, .	1.5	79
63	Analysis of continuous and discrete Wigner approximations for spin dynamics. Physical Review A, 2019, 99, .	1.0	12
64	Dynamical quantum phase transitions in collapse and revival oscillations of a quenched superfluid. Physical Review B, 2019, 99, .	1.1	20
65	Topological bands for ultracold atoms. Reviews of Modern Physics, 2019, 91, .	16.4	541
66	Dynamical quantum phase transitions: A brief survey. Europhysics Letters, 2019, 125, 26001.	0.7	47
67	Dynamical quantum phase transitions on cross-stitch flat band networks. Physical Review B, 2019, 99, .	1.1	6
68	Loschmidt amplitude and work distribution in quenches of the sine-Gordon model. Physical Review B, 2019, 99, .	1.1	18
69	Dynamical Topological Transitions in the Massive Schwinger Model with a \hat{I}_1 Term. Physical Review Letters, 2019, 122, 050403.	2.9	60
70	Quench dynamics and zero-energy modes: The case of the Creutz model. Physical Review B, 2019, 99, .	1.1	64
71	Phonon-assisted tunnelling in a double quantum dot molecule immersed in a cavity. Optik, 2019, 183, 168-173.	1.4	3
72	Dynamical Quantum Phase Transition and Quasi Particle Excitation. Scientific Reports, 2019, 9, 2871.	1.6	50

#	ARTICLE	IF	CITATIONS
73	Zeros of partition functions in the $N \times P$ ensemble. Physical Review E, 2019, 100, 052118.	1.0	7
74	Competing coherent and dissipative dynamics close to quantum criticality. Physical Review A, 2019, 100, .	1.0	22
75	Signature of a nonequilibrium quantum phase transition in the long-time average of the Loschmidt echo. Physical Review B, 2019, 100, .	1.1	18
76	Dynamical quantum phase transition in Bose-Einstein condensates. Physical Review B, 2019, 100, .	1.1	23
77	Stability of dynamical quantum phase transitions in quenched topological insulators: From multiband to disordered systems. Physical Review B, 2019, 100, .	1.1	14
78	Simulating Dynamic Quantum Phase Transitions in Photonic Quantum Walks. Physical Review Letters, 2019, 122, 020501.	2.9	134
79	Influence of weak frustration on quench dynamics of 1D spin-1/2 ANNNI model. Journal of Magnetism and Magnetic Materials, 2020, 497, 166078.	1.0	6
80	Nonequilibrium Aspects of Integrable Models. Annual Review of Condensed Matter Physics, 2020, 11, 147-168.	5.2	9
81	Quasiperiodic dynamical quantum phase transitions in multiband topological insulators and connections with entanglement entropy and fidelity susceptibility. Physical Review B, 2020, 101, .	1.1	23
82	Dynamical Phase Transitions in Dissipative Quantum Dynamics with Quantum Optical Realization. Physical Review Letters, 2020, 125, 143602.	2.9	14
83	Defect production and quench dynamics in the three-dimensional Kitaev model. Physical Review B, 2020, 102, .	1.1	3
84	Experimentally detecting dynamical quantum phase transitions in a slowly quenched Ising-chain model. Physical Review A, 2020, 102, .	1.0	6
85	Influence of weak disorder on the dynamical quantum phase transitions in the anisotropic XY chain. Physical Review B, 2020, 102, .	1.1	12
86	Unified Theory to Characterize Floquet Topological Phases by Quench Dynamics. Physical Review Letters, 2020, 125, 183001.	2.9	31
87	Dynamics after quenches in one-dimensional quantum Ising-like systems. Physical Review B, 2020, 102, .	1.1	10
88	Unitary preparation of many-body Chern insulators: Adiabatic bulk-boundary correspondence. Physical Review B, 2020, 102, .	1.1	7
89	Dynamical quantum phase transitions in a spin chain with deconfined quantum critical points. Physical Review B, 2020, 102, .	1.1	14
90	Exact dynamics and thermalization of open quantum systems coupled to reservoirs through particle exchanges. Physical Review A, 2020, 102, .	1.0	4

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91	Simulation of the complex dynamics of mean-field $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math>$ -spin models using measurement-based quantum feedback control. Physical Review A, 2020, 102, .	1.0	16
92	Lie-algebraic approach to one-dimensional translationally invariant free-fermionic dissipative systems. Physical Review A, 2020, 102, .	1.0	4
93	Memory-critical dynamical buildup of phonon-dressed Majorana fermions. Physical Review B, 2020, 102, .	1.1	1
94	Finite-component dynamical quantum phase transitions. Physical Review B, 2020, 102, .	1.1	27
95	Ubiquity of zeros of the Loschmidt amplitude for mixed states in different physical processes and its implication. Physical Review B, 2020, 102, .	1.1	15
96	Dissipative preparation of many-body Floquet Chern insulators. Physical Review B, 2020, 102, .	1.1	9
97	Floquet perturbation theory for periodically driven weakly interacting fermions. Physical Review B, 2020, 102, .	1.1	18
98	Lee-Yang theory, high cumulants, and large-deviation statistics of the magnetization in the Ising model. Physical Review B, 2020, 102, .	1.1	18
99	Realization of programmable nanomechanical lattice with both nearest-neighboring and next-nearest-neighboring couplings. Applied Physics Letters, 2020, 117, .	1.5	5
100	Complexity and Floquet dynamics: Nonequilibrium Ising phase transitions. Physical Review B, 2020, 102, .	1.1	6
101	Floquet dynamical quantum phase transition in the extended XY model: Nonadiabatic to adiabatic topological transition. Physical Review B, 2020, 102, .	1.1	45
102	Exotic signature of dynamical quantum phase transition in the time evolution of an engineered initial state. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 265002.	0.7	3
103	Modulation of the longitudinal pumping in quantum spin systems. Physical Review B, 2020, 101, .	1.1	3
104	Nonanalyticity of circuit complexity across topological phase transitions. Physical Review B, 2020, 101, .	1.1	17
105	Experimental Realization of Parrondo's Paradox in 1D Quantum Walks. Advanced Quantum Technologies, 2020, 3, 1900127.	1.8	12
106	Detecting the out-of-time-order correlations of dynamical quantum phase transitions in a solid-state quantum simulator. Applied Physics Letters, 2020, 116, 194002.	1.5	24
107	Nonequilibrium renormalization group fixed points of the quantum clock chain and the quantum Potts chain. Physical Review B, 2020, 101, .	1.1	11
108	Non-Hermitian mobility edges in one-dimensional quasicrystals with parity-time symmetry. Physical Review B, 2020, 101, .	1.1	73

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109	Geometrical quench and dynamical quantum phase transition in the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mi} \hat{I} \pm \langle \text{mml:mi} \rangle \langle \text{mml:mo} \hat{\wedge} \langle \text{mml:mo} \rangle \langle \text{mml:msub} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \rangle \rangle \rangle$ lattice. Physical Review B, 2020, 101, .		
110	Disordered Kitaev chain with long-range pairing: Loschmidt echo revivals and dynamical phase transitions. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 375301.	0.7	25
111	Multipartite entanglement at dynamical quantum phase transitions with nonuniformly spaced criticalities. Physical Review B, 2020, 101, .	1.1	14
112	Experimental Observation of Equilibrium and Dynamical Quantum Phase Transitions via Out-of-Time-Ordered Correlators. Physical Review Letters, 2020, 124, 250601.	2.9	65
113	Sub-picosecond thermalization dynamics in condensation of strongly coupled lattice plasmons. Nature Communications, 2020, 11, 3139.	5.8	32
114	Out-of-equilibrium phase diagram of long-range superconductors. Physical Review B, 2020, 101, .	1.1	38
115	Phase transition in complex-time Loschmidt echo of short and long range spin chain. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 063102.	0.9	3
116	Quantum coherence spectrum and quantum phase transitions. Physical Review B, 2020, 101, .	1.1	17
117	Non-stationary statistics and formation jitter in transient photon condensation. Nature Communications, 2020, 11, 1390.	5.8	7
118	Hybrid infinite time-evolving block decimation algorithm for long-range multidimensional quantum many-body systems. Physical Review B, 2020, 102, .	1.1	14
119	Discrete truncated Wigner approach to dynamical phase transitions in Ising models after a quantum quench. Physical Review B, 2020, 102, .	1.1	13
120	Dynamical dimerization phase in Jaynes-Cummings lattices. New Journal of Physics, 2020, 22, 033034.	1.2	2
121	Dynamical quantum phase transitions of quantum spin chains with a Loschmidt-rate critical exponent equal to 12. Physical Review B, 2020, 101, .	1.1	10
122	Measuring a dynamical topological order parameter in quantum walks. Light: Science and Applications, 2020, 9, 7.	7.7	46
123	Non-equilibrium quantum spin dynamics from classical stochastic processes. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 013106.	0.9	11
124	Dynamical quantum phase transitions and non-Markovian dynamics. Physical Review A, 2020, 101, .	1.0	23
125	Observation of Dynamical Quantum Phase Transitions with Correspondence in an Excited State Phase Diagram. Physical Review Letters, 2020, 124, 043001.	2.9	77
126	Crossover from weak to strong quench in a spinor Bose-Einstein condensate. Physical Review A, 2020, 101, .	1.0	5

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127	Dynamical quantum phase transitions in interacting atomic interferometers. Physical Review A, 2020, 101, .	1.0	0
128	Signature of the ferromagnetic ($T = 0$) transition in real space and time. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126473.	0.9	1
129	Exact Nonequilibrium Steady State of Open $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle Y \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Spin- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	2.9	23
130	Topological Invariants for Quantum Quench Dynamics from Unitary Evolution. Physical Review Letters, 2020, 124, 160402.	2.9	44
131	The nonlinear shift to renewable microgrids: Phase transitions in electricity systems. International Journal of Energy Research, 2021, 45, 3016-3030.	2.2	0
132	Dynamic Observation of Topological Soliton States in a Programmable Nanomechanical Lattice. Nano Letters, 2021, 21, 1025-1031.	4.5	13
133	Entanglement View of Dynamical Quantum Phase Transitions. Physical Review Letters, 2021, 126, 040602.	2.9	36
134	Disentanglement approach to quantum spin ground states: field theory and stochastic simulation. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 013101.	0.9	4
135	Dynamic magnetic features of a mixed ferro-ferrimagnetic ternary alloy in the form of $ABpC1\hat{a}^p$. European Physical Journal Plus, 2021, 136, 1.	1.2	8
136	Universal Landau-Zener regimes in dynamical topological phase transitions. Physical Review A, 2021, 103, .	1.0	4
137	Floquet dynamical phase transition and entanglement spectrum. Physical Review A, 2021, 103, .	1.0	48
138	Loschmidt echo singularities as dynamical signatures of strongly localized phases. New Journal of Physics, 2021, 23, 023030.	1.2	6
139	Excited-state quantum phase transitions. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 133001.	0.7	58
140	Work statistics and symmetry breaking in an excited-state quantum phase transition. Physical Review E, 2021, 103, 032145.	0.8	11
141	Dynamical Quantum Phase Transitions in the 1D Nonintegrable Spin- $\frac{1}{2}$ Transverse Field XZZ Model. Annalen Der Physik, 2021, 533, 2000542.	0.9	5
142	Dynamical topological quantum phase transitions at criticality. Physical Review B, 2021, 103, .	1.1	28
143	Cavity-QED Quantum Simulator of Dynamical Phases of a Bardeen-Cooper-Schrieffer Superconductor. Physical Review Letters, 2021, 126, 173601.	2.9	19
144	Programmable quantum simulations of spin systems with trapped ions. Reviews of Modern Physics, 2021, 93, .	16.4	316

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145	Experimental optimal generation of hybrid entangled states in photonic quantum walks. Optics Letters, 2021, 46, 1868.	1.7	3
146	Variational classical networks for dynamics in interacting quantum matter. Physical Review B, 2021, 103, .	1.1	11
147	Quench dynamics of a correlated quantum dot sandwiched between normal-metal and superconducting leads. Physical Review B, 2021, 103, .	1.1	8
148	Critical theory for the breakdown of photon blockade. Physical Review Research, 2021, 3, .	1.3	10
149	Non-Bloch quench dynamics. Physical Review Research, 2021, 3, .	1.3	18
150	Classification of dark solitons via topological vector potentials. Physical Review E, 2021, 103, L040204.	0.8	6
151	Observing Dynamical Quantum Phase Transitions through Quasilocal String Operators. Physical Review Letters, 2021, 126, 200602.	2.9	16
152	The Loschmidt Index. SciPost Physics, 2021, 10, .	1.5	2
153	Conformal Floquet dynamics with a continuous drive protocol. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
154	Dynamical signatures of symmetry protected topology following symmetry breaking. Physical Review Research, 2021, 3, .	1.3	2
155	Thermalization of Yang-Mills theory in a ($T \gg T_H$) regime. Physical Review D, 2021, 103, 054001.	1.6	6
156	Quantum aging and dynamical universality in the long-range $1/r^2$ Ising model. Physical Review E, 2021, 103, 052142.	1.1	1
157	Mobility edge and multifractality in a periodically driven Aubry-Andr� model. Physical Review B, 2021, 103, .	1.1	23
158	Phases of the disordered Bose-Hubbard model with attractive interactions. Physical Review B, 2021, 103, .	1.1	8
159	Dynamical crossover in the transient quench dynamics of short-range transverse-field Ising models. Physical Review B, 2021, 103, .	1.1	8
160	Continuum analogs of excited-state quantum phase transitions. Physical Review A, 2021, 103, .	1.0	3
161	Lattice gauge theory and dynamical quantum phase transitions using noisy intermediate-scale quantum devices. Physical Review B, 2021, 103, .	1.1	9
162	Quench dynamics of quasi-periodic systems exhibiting Rabi oscillations of two-level integrals of motion. Annals of Physics, 2021, , 168545.	1.0	1

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163	Unconventional topological transitions in a self-organized magnetic ladder. <i>Physical Review B</i> , 2021, 103, .	1.1	4
164	Loschmidt echo of far-from-equilibrium fermionic superfluids. <i>Annals of Physics</i> , 2021, 435, 168554.	1.0	9
165	Many-body dynamical phase transition in a quasiperiodic potential. <i>Physical Review B</i> , 2021, 103, .	1.1	14
166	Non-Hermitian topological phases and dynamical quantum phase transitions: a generic connection. <i>New Journal of Physics</i> , 2021, 23, 063041.	1.2	17
167	Adaptive Variational Quantum Dynamics Simulations. <i>PRX Quantum</i> , 2021, 2, .	3.5	57
168	Floquet dynamical quantum phase transitions in periodically quenched systems. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 345403.	0.7	15
169	Time-evolving Weiss fields in the stochastic approach to quantum spins. <i>Physical Review B</i> , 2021, 104, .	1.1	2
170	Neural network enhanced hybrid quantum many-body dynamical distributions. <i>Physical Review Research</i> , 2021, 3, .	1.3	4
171	Non-Hermitian topological end breathers. <i>Physical Review B</i> , 2021, 104, .	1.1	11
172	Analytic approaches to periodically driven closed quantum systems: methods and applications. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 443003.	0.7	27
173	Investigating the quench dynamics of the bound states in a spin-orbital-coupling system using a trapped ion. <i>Physical Review A</i> , 2021, 104, .	1.0	1
174	Correlations and dynamical quantum phase transitions in an interacting topological insulator. <i>Physical Review B</i> , 2021, 104, .	1.1	15
175	Local measures of dynamical quantum phase transitions. <i>Physical Review B</i> , 2021, 104, .	1.1	18
176	Quantum critical systems with dissipative boundaries. <i>Physical Review B</i> , 2021, 104, .	1.1	10
177	Finite-temperature topological phase transitions of spin- j systems in Uhlmann processes: General formalism and experimental protocols. <i>Physical Review A</i> , 2021, 104, .	1.0	9
178	Dynamical phase transitions in the fully connected quantum Ising model: Time period and critical time. <i>Physical Review B</i> , 2021, 104, .	1.1	9
179	Importance sampling scheme for the stochastic simulation of quantum spin dynamics. <i>SciPost Physics</i> , 2021, 11, .	1.5	2
180	Unconventional critical exponents at dynamical quantum phase transitions in a random Ising chain. <i>Physical Review B</i> , 2021, 104, .	1.1	12

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181	Dynamical preparation of stripe states in spin-orbit-coupled gases. <i>Physical Review A</i> , 2021, 104, .	1.0	9
182	Lee-Yang theory of criticality in interacting quantum many-body systems. <i>Physical Review Research</i> , 2021, 3, .	1.3	9
183	Exceptional dynamical quantum phase transitions in periodically driven systems. <i>Nature Communications</i> , 2021, 12, 5108.	5.8	18
184	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
185	Exact zeros of the Loschmidt echo and quantum speed limit time for the dynamical quantum phase transition in finite-size systems. <i>Physical Review B</i> , 2021, 104, .	1.1	6
186	Dynamical phase transitions in quantum spin models with antiferromagnetic long-range interactions. <i>Physical Review B</i> , 2021, 104, .	1.1	12
187	Coherent and dissipative dynamics at quantum phase transitions. <i>Physics Reports</i> , 2021, 936, 1-110.	10.3	50
188	Tricritical behavior of the spin-3/2 anisotropic Heisenberg model with Dzyaloshinskiiâ€Moriya interaction. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 585, 126384.	1.2	1
189	Discrete Time Crystals and Related Phenomena. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2020, , 39-172.	0.1	2
190	The Role of Quantum Work Statistics in Many-Body Physics. <i>Fundamental Theories of Physics</i> , 2018, , 317-336.	0.1	7
191	Non-Hermitian physics. <i>Advances in Physics</i> , 2020, 69, 249-435.	35.9	695
192	Localized dynamics following a quantum quench in a non-integrable system: an example on the sawtooth ladder. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 015301.	0.6	13
193	Non-stationarity and dissipative time crystals: spectral properties and finite-size effects. <i>New Journal of Physics</i> , 2020, 22, 085007.	1.2	31
194	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
195	Finite temperature off-diagonal long-range order for interacting bosons. <i>Physical Review B</i> , 2020, 102, .	1.1	6
196	Determination of universal critical exponents using Lee-Yang theory. <i>Physical Review Research</i> , 2019, 1, .	1.3	22
197	Experimental classification of quenched quantum walks by dynamical Chern number. <i>Physical Review Research</i> , 2019, 1, .	1.3	9
198	Laser-induced control of an electronic nematic quantum phase transition. <i>Physical Review Research</i> , 2020, 2, .	1.3	5

#	ARTICLE	IF	CITATIONS
199	Ramsey interferometry of non-Hermitian quantum impurities. <i>Physical Review Research</i> , 2020, 2, .	1.3	12
200	Lee-Yang theory of the Curie-Weiss model and its rare fluctuations. <i>Physical Review Research</i> , 2020, 2, .	1.3	13
201	Quasiparticle origin of dynamical quantum phase transitions. <i>Physical Review Research</i> , 2020, 2, .	1.3	36
202	Response of macroscopic and microscopic dynamical quantifiers to the quantum critical region. <i>Physical Review Research</i> , 2020, 2, .	1.3	2
203	Signatures of topology in quantum quench dynamics and their interrelation. <i>Physical Review Research</i> , 2020, 2, .	1.3	18
204	Wehrl entropy production rate across a dynamical quantum phase transition. <i>Physical Review Research</i> , 2020, 2, .	1.3	7
205	Robust Dynamic Hamiltonian Engineering of Many-Body Spin Systems. <i>Physical Review X</i> , 2020, 10, .	2.8	54
206	Two-dimensional topological quantum walks in the momentum space of structured light. <i>Optica</i> , 2020, 7, 108.	4.8	44
207	QuSpin: a Python package for dynamics and exact diagonalisation of quantum many body systems. Part II: bosons, fermions and higher spins. <i>SciPost Physics</i> , 2019, 7, .	1.5	173
208	Quenching the Kitaev honeycomb model. <i>SciPost Physics</i> , 2019, 7, .	1.5	5
209	Decaying quantum turbulence in a two-dimensional Bose-Einstein condensate at finite temperature. <i>SciPost Physics</i> , 2020, 8, .	1.5	11
210	Classification of phases for mixed states via fast dissipative evolution. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 3, 174.	0.0	18
211	Properties and applications of one dimensional quasiperiodic lattices. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2019, 68, 040301.	0.2	4
212	Fixed points and dynamic topological phenomena in quench dynamics. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2019, 68, 040303.	0.2	5
213	Mirror-symmetry-protected dynamical quantum phase transitions in topological crystalline insulators. <i>Physical Review Research</i> , 2021, 3, .	1.3	7
214	Scaling Laws for the Sensitivity Enhancement of Non-Gaussian Spin States. <i>Physical Review Letters</i> , 2021, 127, 160501.	2.9	14
215	Determination of Dynamical Quantum Phase Transitions in Strongly Correlated Many-Body Systems Using Loschmidt Cumulants. <i>Physical Review X</i> , 2021, 11, .	2.8	21
216	Topological holographic quench dynamics in a synthetic frequency dimension. <i>Light: Science and Applications</i> , 2021, 10, 209.	7.7	20

#	ARTICLE	IF	CITATIONS
217	Non-equilibrium dynamics of the open quantum $O(n)$ -model with non-Markovian noise: exact results. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 103105.	0.9	3
218	Feedback induced magnetic phases in binary Bose-Einstein condensates. <i>Physical Review Research</i> , 2020, 2, .	1.3	9
219	Topological phases of spinless p -orbital fermions in zigzag optical lattices. <i>Physical Review A</i> , 2020, 102, .	1.0	1
220	Dynamical transition for a class of integrable models coupled to a bath. <i>Physical Review B</i> , 2020, 102, .	1.1	11
221	Designing nonequilibrium states of quantum matter through stochastic resetting. <i>Physical Review B</i> , 2021, 104, .	1.1	18
222	Entanglement and many-body effects in collective neutrino oscillations. <i>Physical Review D</i> , 2021, 104, .	1.6	31
223	Entanglement echo and dynamical entanglement transitions. <i>Physical Review Research</i> , 2021, 3, .	1.3	5
224	Interaction-driven dynamical quantum phase transitions in a strongly correlated bosonic system. <i>Physical Review Research</i> , 2022, 4, .	1.3	7
225	Measurement-based multipartite entanglement inflation. <i>Physical Review A</i> , 2021, 104, .	1.0	4
226	Out-of-equilibrium dynamics of the XY spin chain from form factor expansion. <i>SciPost Physics</i> , 2022, 12, .	1.5	10
227	The Classicalâ€“Quantum Passage: A van der Waals Description. <i>Entropy</i> , 2022, 24, 182.	1.1	1
228	Dynamical quantum phase transition in XY chains with the Dzyaloshinskii-Moriya and XYZâ€“YZX three-site interactions. <i>Chinese Physics B</i> , 2022, 31, 060505.	0.7	4
229	Semiclassical bifurcations and quantum trajectories: a case study of the open Boseâ€“Hubbard dimer. <i>European Physical Journal: Special Topics</i> , 2022, 231, 385-401.	1.2	4
230	Scrambling and quantum feedback in a nanomechanical system. <i>European Physical Journal D</i> , 2022, 76, 1.	0.6	2
231	Dynamical crossover behavior in the relaxation of quenched quantum many-body systems. <i>Physical Review B</i> , 2022, 105, .	1.1	12
232	Work statistics across a quantum critical surface. <i>Physical Review E</i> , 2022, 105, 024101.	0.8	3
233	Cavity magnon-polaritons in cuprate parent compounds. <i>Physical Review Research</i> , 2022, 4, .	1.3	22
234	Caustics in quantum many-body dynamics. <i>Physical Review Research</i> , 2022, 4, .	1.3	10

#	ARTICLE	IF	CITATIONS
235	Dynamical phase transitions in models of collective neutrino oscillations. <i>Physical Review D</i> , 2021, 104, .	1.6	23
236	On computing non-equilibrium dynamics following a quench. <i>SciPost Physics</i> , 2021, 11, .	1.5	5
237	Connecting Scrambling and Work Statistics for Short-Range Interactions in the Harmonic Oscillator. <i>Physical Review Letters</i> , 2022, 128, 070605.	2.9	4
238	Dissipative Floquet dynamical quantum phase transition. <i>Physical Review A</i> , 2022, 105, .	1.0	22
239	Finite-Time Dynamical Phase Transition in Nonequilibrium Relaxation. <i>Physical Review Letters</i> , 2022, 128, 110603.	2.9	14
240	Out-of-time-order correlations and Floquet dynamical quantum phase transition. <i>Physical Review B</i> , 2022, 105, .	1.1	15
241	Nonadiabatic transition at a band-touching point. <i>Physical Review Research</i> , 2022, 4, .	1.3	1
242	Dynamical relaxation of correlators in periodically driven integrable quantum systems. <i>Physical Review B</i> , 2022, 105, .	1.1	12
243	Floquet dynamical quantum phase transitions under synchronized periodic driving. <i>Physical Review B</i> , 2022, 105, .	1.1	22
244	Dynamical quantum phase transitions in a mesoscopic superconducting system. <i>Physical Review B</i> , 2022, 105, .	1.1	9
245	Quantum phase transition of a modified spin-boson model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 145301.	0.7	3
246	Photoinduced Prethermalization Phenomena in Correlated Metals. <i>Physica Status Solidi (B): Basic Research</i> , 0, , 2100280.	0.7	2
247	Localization transition induced by programmable disorder. <i>Physical Review B</i> , 2022, 105, .	1.1	5
248	Learning quantum dynamics with latent neural ordinary differential equations. <i>Physical Review A</i> , 2022, 105, .	1.0	10
249	Floquet time crystals in driven spin systems with all-to-all p -body interactions. <i>Physical Review Research</i> , 2022, 4, .	1.3	10
250	Excited-state quantum phase transitions in spin-orbit-coupled Bose gases. <i>Physical Review Research</i> , 2021, 3, .	1.3	9
251	Directional scrambling of quantum information in helical multiferroics. <i>Physical Review B</i> , 2021, 104, .	1.1	1
252	Metastable spin-phase diagrams in antiferromagnetic Bose-Einstein condensates. <i>Physical Review A</i> , 2021, 104, .	1.0	3

#	ARTICLE	IF	CITATIONS
253	Synthetic topology and Floquet dynamic quantum phase transition in a periodically driven Raman lattice. <i>Physical Review A</i> , 2022, 105, .	1.0	4
254	Entanglement and precession in two-dimensional dynamical quantum phase transitions. <i>Physical Review B</i> , 2022, 105, .	1.1	7
255	Dynamical quantum phase transitions in the one-dimensional extended Fermi-Hubbard model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2022, 2022, 043101.	0.9	2
256	Universal topological quench dynamics for Z_2 topological phases. <i>Science Bulletin</i> , 2022, 67, 1226-1242.	4.3	9
257	Exact dynamical correlations of nonlocal operators in quadratic open Fermion systems: a characteristic function approach. <i>SciPost Physics Core</i> , 2022, 5, .	0.9	3
258	A digital quantum simulation of the Agassi model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 829, 137133.	1.5	8
259	Loschmidt amplitude spectrum in dynamical quantum phase transitions. <i>Physical Review B</i> , 2022, 105, .	1.1	7
260	Time-resolved observation of a dynamical phase transition with atoms in a cavity. <i>Physical Review A</i> , 2022, 105, .	1.0	3
261	Hinge-mode dynamics of periodically driven higher-order Weyl semimetals. <i>Physical Review B</i> , 2022, 105, .	1.1	7
262	Numerical renormalization group study of the Loschmidt echo in Kondo systems. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
263	Detection of Quantum Phase Boundary at Finite Temperatures in Integrable Spin Models. <i>Physical Review Letters</i> , 2022, 128, .	2.9	4
264	Dynamical quantum phase transitions in strongly correlated two-dimensional spin lattices following a quench. <i>Physical Review Research</i> , 2022, 4, .	1.3	8
265	Metamorphic dynamical quantum phase transition in double-quench processes at finite temperatures. <i>Physical Review B</i> , 2022, 106, .	1.1	4
266	Floquet dynamical quantum phase transitions of the XY spin-chain under periodic quenching. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 604, 127866.	1.2	3
267	Dynamical quantum phase transition in periodic quantum Ising chains. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 365001.	0.7	3
268	Dynamical quantum phase transition in diamond: Applications in quantum metrology. <i>Physical Review B</i> , 2022, 106, .	1.1	3
269	Reconstructing the dynamical quantum phase transitions via dimensional expansion in a generalized Su-Schrieffer-Heeger model. <i>Physical Review E</i> , 2022, 106, .	0.8	1
270	Dynamical and excited-state quantum phase transitions in collective systems. <i>Physical Review B</i> , 2022, 106, .	1.1	12

#	ARTICLE	IF	CITATIONS
271	Critical properties of the spin-1 Heisenberg model with random magnetic field and Dzyaloshinskii-Moriya interaction. <i>Physica B: Condensed Matter</i> , 2022, 646, 414296.	1.3	1
272	Nonlinear dynamics of the dissipative anisotropic two-photon Dicke model. <i>New Journal of Physics</i> , 2022, 24, 083039.	1.2	3
273	Spin-nematic squeezing for dynamical quantum phase transitions in a spinor Bose-Einstein condensate. <i>Physical Review A</i> , 2022, 106, .	1.0	1
274	Periodically driven Rydberg chains with staggered detuning. <i>Physical Review B</i> , 2022, 106, .	1.1	9
275	Anomaly in the dynamical quantum phase transition in a non-Hermitian system with extended gapless phases. <i>Physical Review B</i> , 2022, 106, .	1.1	9
276	Out-of-Time-Order correlators in driven conformal field theories. <i>Journal of High Energy Physics</i> , 2022, 2022, .	1.6	5
277	Entanglement and correlations in fast collective neutrino flavor oscillations. <i>Physical Review D</i> , 2022, 106, .	1.6	18
278	Detecting Quantum Phase Transitions in Spin Chains. <i>Quantum Science and Technology</i> , 2022, , 13-40.	1.5	0
279	Fractional resonances and prethermal states in Floquet systems. <i>Physical Review B</i> , 2022, 106, .	1.1	3
280	Critical Phenomena in Light-Matter Systems with Collective Matter Interactions. <i>Entropy</i> , 2022, 24, 1198.	1.1	3
281	Classical theory of universal quantum work distribution in chaotic and disordered non-interacting Fermi systems. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
282	Tunneling Phase Diagrams in Anisotropic Multi-Weyl Semimetals. <i>Annalen Der Physik</i> , 2022, 534, .	0.9	2
283	Entanglement dynamics and ergodicity breaking in a quantum cellular automaton. <i>Physical Review B</i> , 2022, 106, .	1.1	4
284	Embedding the Yang-Lee quantum criticality in open quantum systems. <i>Physical Review Research</i> , 2022, 4, .	1.3	8
285	Engineering Floquet dynamical quantum phase transitions. <i>Physical Review B</i> , 2022, 106, .	1.1	9
286	Loschmidt echo and momentum distribution in a Kitaev spin chain. <i>Physical Review A</i> , 2022, 106, .	1.0	0
287	Statistical complexity and the road to equilibrium in many-body chaotic quantum systems. <i>Physical Review E</i> , 2022, 106, .	0.8	0
288	Many-qubit protection-operation dilemma from the perspective of many-body localization. <i>Nature Communications</i> , 2022, 13, .	5.8	0

#	ARTICLE	IF	CITATIONS
289	Correlations, long-range entanglement, and dynamics in long-range Kitaev chains. Physical Review B, 2022, 106, .	1.1	7
290	Disorder-induced dynamical Griffiths singularities after certain quantum quenches. Physical Review B, 2022, 106, .	1.1	2
291	Beyond Hard-Core Bosons in Transmon Arrays. PRX Quantum, 2022, 3, .	3.5	3
292	Quantum complexity and topological phases of matter. Physical Review B, 2022, 106, .	1.1	25
293	Link between Zitterbewegung and topological phase transitions. Physical Review B, 2022, 106, .	1.1	3
294	Dynamic generation of nonequilibrium superconducting states in a Kitaev chain. Physical Review B, 2022, 106, .	1.1	5
295	Amplifying quantum correlations with quench dynamics in a quantum spin chain: Steady-states versus ground-states. Physica A: Statistical Mechanics and Its Applications, 2022, 608, 128314.	1.2	1
296	Detection of topological quantum phases using dynamical methods. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 456, 128530.	0.9	0
297	Dynamical quantum phase transitions in spin- S quantum link models. Physical Review B, 2022, 106, .	1.6	1
298	Variational dynamics as a ground-state problem on a quantum computer. Physical Review Research, 2022, 4, .	1.3	6
299	Dynamic phase transition theory. Science China: Physics, Mechanics and Astronomy, 2023, 66, .	2.0	3
300	Restoration of a spontaneously broken symmetry in a Euclidean quantum $\hat{I}^{\otimes 2}$ model with quenched disorder. Physical Review D, 2022, 106, .	1.6	1
301	Quench dynamics and scaling laws in topological nodal loop semimetals. Physical Review B, 2022, 106, .	1.1	3
302	Achieving the quantum field theory limit in far-from-equilibrium quantum link models. Quantum - the Open Journal for Quantum Science, 0, 6, 878.	0.0	5
303	Symmetry-resolved Rényi fidelities and quantum phase transitions. Physical Review B, 2022, 106, .	1.1	7
304	Stable Many-Body Resonances in Open Quantum Systems. Symmetry, 2022, 14, 2562.	1.1	1
305	Superfluidity vs. prethermalisation in a nonlinear Floquet system. Europhysics Letters, 2022, 140, 50001.	0.7	1
306	Floquet topological phase transitions in a periodically quenched dimer. Physical Review B, 2022, 106, .	1.1	11

#	ARTICLE	IF	CITATIONS
307	Periodically driven model with quasiperiodic potential and staggered hopping amplitudes: Engineering of mobility gaps and multifractal states. <i>Physical Review B</i> , 2023, 107, .	1.1	5
308	Dissipation-induced dynamical phase transition in postselected quantum trajectories. <i>Progress of Theoretical and Experimental Physics</i> , 2023, 2023, .	1.8	4
309	Territories of Parrondo's paradox and its entanglement dynamics in quantum walks. <i>European Physical Journal Plus</i> , 2023, 138, .	1.2	4
310	Topological correlations in three-dimensional classical Ising models: An exact solution with a continuous phase transition. <i>Physical Review Research</i> , 2023, 5, .	1.3	0
311	Dynamical quantum phase transitions in Stark quantum spin chains. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2023, 619, 128732.	1.2	0
312	Many-Body Collective Neutrino Oscillations: Recent Developments. , 2023, , 1-16.		2
313	Spread complexity and topological transitions in the Kitaev chain. <i>Journal of High Energy Physics</i> , 2023, 2023, .	1.6	18
314	Entanglement dynamics and phase transitions of the Floquet cluster spin chain. <i>Physical Review B</i> , 2023, 107, .	1.1	1
315	Quantum Rabi dynamics of trapped atoms far in the deep strong coupling regime. <i>Nature Communications</i> , 2023, 14, .	5.8	2
316	Exploring dynamical quantum phase transitions in a spin model with deconfined critical point via the quantum steering ellipsoid. <i>Physical Review B</i> , 2023, 107, .	1.1	3
317	Late-time critical behavior of local stringlike observables under quantum quenches. <i>Physical Review B</i> , 2023, 107, .	1.1	1
318	Landau theory for finite-time dynamical phase transitions. <i>New Journal of Physics</i> , 2023, 25, 023034.	1.2	5
319	Dynamical quantum phase transition without an order parameter. <i>Physical Review B</i> , 2023, 107, .	1.1	4
320	Theory of Dynamical Phase Transitions in Quantum Systems with Symmetry-Breaking Eigenstates. <i>Physical Review Letters</i> , 2023, 130, .	2.9	8
321	Dynamical detection of mean-field topological phases in an interacting Chern insulator. <i>Physical Review B</i> , 2023, 107, .	1.1	0
322	Meson content of entanglement spectra after integrable and nonintegrable quantum quenches. <i>Physical Review B</i> , 2023, 107, .	1.1	2
323	Scrambling and quantum chaos indicators from long-time properties of operator distributions. <i>Physical Review A</i> , 2023, 107, .	1.0	8
324	Detecting quantum phase transitions in the quasistationary regime of Ising chains. <i>Physical Review B</i> , 2023, 107, .	1.1	2

#	ARTICLE	IF	CITATIONS
325	Signatures of Quantum Criticality in the Complex Inverse Temperature Plane. Chinese Physics Letters, 2023, 40, 050502.	1.3	0
326	Topological dynamical quantum phase transition in a quantum skyrmion phase. Physical Review B, 2023, 107, .	1.1	2
327	Synchronization of persistent oscillations in spin systems with nonlocal dissipation. Physical Review A, 2023, 107, .	1.0	2
328	Universal anomaly of dynamics at phase transition points induced by Pancharatnam-Berry phase. Physica Scripta, 2023, 98, 055927.	1.2	1
329	Dynamical Quantum Phase Transitions of the Schwinger Model: Real-Time Dynamics on IBM Quantum. Entropy, 2023, 25, 608.	1.1	1
330	Engineering Higgs dynamics by spectral singularities. Physical Review Research, 2023, 5, .	1.3	3
331	Dynamical scaling laws in the quantum q -state clock chain. Physical Review B, 2023, 107, .	1.1	2
332	Dynamical singularity of the rate function for quench dynamics in finite-size quantum systems. Physical Review B, 2023, 107, .	1.1	1
333	Emergent conservation in the Floquet dynamics of integrable non-Hermitian models. Physical Review B, 2023, 107, .	1.1	3
334	Geometric phases of mixed quantum states: A comparative study of interferometric and Uhlmann phases. Physical Review B, 2023, 107, .	1.1	2
335	Defect induced nonequilibrium quantum dynamics in an interacting Bose-Hubbard flux ladder. New Journal of Physics, 2023, 25, 043025.	1.2	2
336	Floquet dynamical quantum phase transitions in transverse XY spin-chains under periodic kickings. Chinese Physics B, 0, .	0.7	0
358	Quantum information and quantum simulation of neutrino physics. European Physical Journal A, 2023, 59, .	1.0	3
366	Many-Body Collective Neutrino Oscillations: Recent Developments. , 2023, , 3755-3770.		0