Quantum trajectories and open many-body quantum sy

Advances in Physics 63, 77-149 DOI: 10.1080/00018732.2014.933502

Citation Report

#	Article	IF	CITATIONS
1	Alignment of Nematic Liquid Crystals by Polyimide Langmuir-Blodgett Films. Japanese Journal of Applied Physics, 1992, 31, L189-L192.	0.8	29
2	Analysis of Piezoelectric Bending Accelerometer Using the Equivalent Circuit. Japanese Journal of Applied Physics, 1996, 35, 3035-3037.	0.8	4
3	Focus on out-of-equilibrium dynamics in strongly interacting one-dimensional systems. New Journal of Physics, 2014, 16, 095006.	1.2	9
4	Quantum Spin Dimers from Chiral Dissipation in Cold-Atom Chains. Physical Review Letters, 2014, 113, 237203.	2.9	143
5	Dynamical and steady-state properties of a Bose-Hubbard chain with bond dissipation: A study based on matrix product operators. Physical Review A, 2014, 90, .	1.0	24
6	Dissipative phase transitions: Independent versus collective decay and spin squeezing. Physical Review A, 2014, 90, .	1.0	29
7	Entanglement and Spin Squeezing in Non-Hermitian Phase Transitions. Physical Review Letters, 2014, 113, 250401.	2.9	116
8	Dissipative quantum dynamics of fermions in optical lattices: A slave-spin approach. Physical Review B, 2014, 90, .	1.1	11
9	Universal simulation of Markovian open quantum systems. Physical Review A, 2015, 91, .	1.0	46
10	Matrix-product-operator approach to the nonequilibrium steady state of driven-dissipative quantum arrays. Physical Review A, 2015, 92, .	1.0	97
11	Tachyon physics with trapped ions. Physical Review A, 2015, 92, .	1.0	25
12	Adiabatic cooling of bosons in lattices to magnetically ordered quantum states. Physical Review A, 2015, 92, .	1.0	18
13	Diffraction-Unlimited Position Measurement of Ultracold Atoms in an Optical Lattice. Physical Review Letters, 2015, 115, 095301.	2.9	38
14	Amplitude control of a quantum state in a non-Hermitian Rice-Mele model driven by an external field. Physical Review A, 2015, 92, .	1.0	6
15	Thermalization of strongly interacting bosons after spontaneous emissions in optical lattices. EPJ Quantum Technology, 2015, 2, .	2.9	10
16	Variational Principle for Steady States of Dissipative Quantum Many-Body Systems. Physical Review Letters, 2015, 114, 040402.	2.9	133
17	Two-Time Correlations Probing the Dynamics of Dissipative Many-Body Quantum Systems: Aging and Fast Relaxation. Physical Review Letters, 2015, 114, 170401.	2.9	48
18	Quantum optics of chiral spin networks. Physical Review A, 2015, 91, .	1.0	220

#	Article	IF	CITATIONS
19	Real-time dynamics of open quantum spin systems driven by dissipative processes. Physical Review B, 2015, 92, .	1.1	9
20	The dissipative Bose-Hubbard model. European Physical Journal: Special Topics, 2015, 224, 2127-2171.	1.2	57
21	Effective field theory out of equilibrium: Brownian quantum fields. New Journal of Physics, 2015, 17, 063017.	1.2	32
22	Photonic currents in driven and dissipative resonator lattices. Physical Review A, 2016, 94, .	1.0	11
23	Metastability in an open quantum Ising model. Physical Review E, 2016, 94, 052132.	0.8	42
24	Two coupled nonlinear cavities in a driven-dissipative environment. Physical Review A, 2016, 94, .	1.0	28
25	Jamming anomaly in \${oldsymbol{ mathcal Q }}{oldsymbol{ mathcal T }}\$-symmetric systems. New Journal of Physics, 2016, 18, 075015.	1.2	27
26	Non-Hermitian dynamics in the quantum Zeno limit. Physical Review A, 2016, 94, .	1.0	34
27	Open-system many-body dynamics through interferometric measurements and feedback. Physical Review A, 2016, 94, .	1.0	10
28	Challenges and constraints of dynamically emerged source and sink in atomtronic circuits: From closed-system to open-system approaches. Scientific Reports, 2016, 6, 37256.	1.6	14
29	Vortex formation and dynamics in two-dimensional driven-dissipative condensates. Physical Review A, 2016, 94, .	1.0	4
30	Simulating generic spin-boson models with matrix product states. Physical Review A, 2016, 94, .	1.0	36
31	Non-equilibrium disordered Bose gases: condensation, superfluidity and dynamical Bose glass. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 025303.	0.6	3
32	Keldysh field theory for driven open quantum systems. Reports on Progress in Physics, 2016, 79, 096001.	8.1	354
33	Cluster Mean-Field Approach to the Steady-State Phase Diagram of Dissipative Spin Systems. Physical Review X, 2016, 6, .	2.8	125
34	Collective phases of strongly interacting cavity photons. Physical Review A, 2016, 94, .	1.0	45
35	Digital quantum simulation of many-body non-Markovian dynamics. Physical Review A, 2016, 94, .	1.0	35
36	Beyond mean-field bistability in driven-dissipative lattices: Bunching-antibunching transition and quantum simulation. Physical Review A, 2016, 93, .	1.0	63

#	Article	IF	CITATIONS
37	Non-Markovian dynamics in chiral quantum networks with spins and photons. Physical Review A, 2016, 93, .	1.0	91
38	Brownian motion of a matter-wave bright soliton moving through a thermal cloud of distinct atoms. Physical Review A, 2016, 93, .	1.0	9
39	Dissipative topological superconductors in number-conserving systems. Physical Review B, 2016, 93, .	1.1	37
40	Bistability in a Driven-Dissipative Superfluid. Physical Review Letters, 2016, 116, 235302.	2.9	140
41	Positive Tensor Network Approach for Simulating Open Quantum Many-Body Systems. Physical Review Letters, 2016, 116, 237201.	2.9	95
42	Robustness of Many-Body Localization in the Presence of Dissipation. Physical Review Letters, 2016, 116, 237203.	2.9	115
43	Quantum measurement-induced dynamics of many-body ultracold bosonic and fermionic systems in optical lattices. Physical Review A, 2016, 93, .	1.0	50
44	Nonlinear waves in <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mrow><mml:mi mathvariant="script">PT</mml:mi </mml:mrow></mml:math> -symmetric systems. Reviews of Modern Physics. 2016. 88	16.4	819
45	Topological Pumping of Photons in Nonlinear Resonator Arrays. Physical Review Letters, 2016, 117, 213603.	2.9	60
46	Lindblad-driven discretized leads for nonequilibrium steady-state transport in quantum impurity models: Recovering the continuum limit. Physical Review B, 2016, 94, .	1.1	40
47	Characteristic functions based on a quantum jump trajectory. Physical Review E, 2016, 94, 062133.	0.8	19
48	Quantum critical behavior influenced by measurement backaction in ultracold gases. Physical Review A, 2016, 94, .	1.0	80
49	Collective dynamics of multimode bosonic systems induced by weak quantum measurement. New Journal of Physics, 2016, 18, 073017.	1.2	15
50	Reply to the comment on "Quantum trajectory tests of radical-pair quantum dynamics in CIDNP measurements of photosynthetic reaction centers―by G. Jeschke. Chemical Physics Letters, 2016, 648, 204-207.	1.2	3
51	Lattice gauge theory simulations in the quantum information era. Contemporary Physics, 2016, 57, 388-412.	0.8	156
52	Models for a multimode bosonic tunneling junction. Annalen Der Physik, 2017, 529, 1600327.	0.9	5
53	Parity-time-symmetric quantum critical phenomena. Nature Communications, 2017, 8, 15791.	5.8	205
54	Nonequilibrium gas-liquid transition in the driven-dissipative photonic lattice. Physical Review A, 2017, 96, .	1.0	50

#	Article		CITATIONS
55	Phase Transitions in Electron Spin Resonance Under Continuous Microwave Driving. Physical Review Letters, 2017, 119, 150402.	2.9	4
56	Probing the conformal Calabrese-Cardy scaling with cold atoms. Physical Review A, 2017, 96, .	1.0	11
57	Signatures of Many-Body Localization in a Controlled Open Quantum System. Physical Review X, 2017, 7,	2.8	169
58	The tensor network theory library. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 2017, 093102.	0.9	43
59	Emergent equilibrium in many-body optical bistability. Physical Review A, 2017, 95, .	1.0	91
60	The upside of noise: engineered dissipation as a resource in superconducting circuits. Quantum Science and Technology, 2017, 2, 033002.	2.6	36
61	Simulating quantum light propagation through atomic ensembles using matrix product states. Nature Communications, 2017, 8, 1743.	5.8	44
62	Heisenberg-Langevin versus quantum master equation. Physical Review A, 2017, 96, .	1.0	25
63	Computation of the asymptotic states of modulated open quantum systems with a numerically exact realization of the quantum trajectory method. Physical Review E, 2017, 96, 053313.	0.8	10
64	Enhancing quantum control by bootstrapping a quantum processor of 12 qubits. Npj Quantum Information, 2017, 3, .	2.8	68
65	Zeno Hall Effect. Physical Review Letters, 2017, 118, 200401.	2.9	46
66	Molecular systems with open boundaries: Theory and simulation. Physics Reports, 2017, 693, 1-56.	10.3	66
67	Current reversals and metastable states in the infinite Bose-Hubbard chain with local particle loss. Physical Review A, 2017, 96, .	1.0	13
68	Spatial correlations in driven-dissipative photonic lattices. New Journal of Physics, 2017, 19, 125016.	1.2	12
69	Observation of the Mott insulator to superfluid crossover of a driven-dissipative Bose-Hubbard system. Science Advances, 2017, 3, e1701513.	4.7	145
70	Quantum trajectories for time-dependent adiabatic master equations. Physical Review A, 2018, 97, .	1.0	15
71	Dissipation-induced dipole blockade and antiblockade in driven Rydberg systems. Physical Review A, 2018, 97, .	1.0	29
72	Aspects of non-equilibrium in classical and quantum systems: Slow relaxation and glasses, dynamical large deviations, quantum non-ergodicity, and open quantum dynamics. Physica A: Statistical Mechanics and Its Applications. 2018. 504. 130-154.	1.2	95

#	Article	IF	CITATIONS
73	Anomalous diffusion in a dynamical optical lattice. Physical Review A, 2018, 97, .	1.0	13
74	Dynamics of many-body localization in the presence of particle loss. Quantum Science and Technology, 2018, 3, 01LT02.	2.6	21
75	Ultra-fast relaxation, decoherence, and localization of photoexcited states in <i>Ï€</i> -conjugated polymers. Journal of Chemical Physics, 2018, 148, 034901.	1.2	29
76	Full-Counting Many-Particle Dynamics: Nonlocal and Chiral Propagation of Correlations. Physical Review Letters, 2018, 120, 185301.	2.9	53
77	QTM: Computational package using MPI protocol for Quantum Trajectories Method. PLoS ONE, 2018, 13, e0208263.	1.1	1
78	Non-Hermitian Kondo Effect in Ultracold Alkaline-Earth Atoms. Physical Review Letters, 2018, 121, 203001.	2.9	109
79	Microscopic Control and Detection of Ultracold Strontium in Optical-Tweezer Arrays. Physical Review X, 2018, 8, .	2.8	109
80	Matrix product operators for sequence-to-sequence learning. Physical Review E, 2018, 98, .	0.8	34
81	Parity-time symmetry in optical microcavity systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 222001.	0.6	45
82	Harnessing symmetry to control quantum transport. Advances in Physics, 2018, 67, 1-67.	35.9	32
83	Quench Dynamics of Neutral Atoms in Out-Equilibrium One-Dimensional Optical Lattices. Communications in Theoretical Physics, 2018, 70, 496.	1.1	0
84	Open source matrix product states: exact diagonalization and other entanglement-accurate methods revisited in quantum systems. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 465302.	0.7	7
85	Spectral theory of Liouvillians for dissipative phase transitions. Physical Review A, 2018, 98, .	1.0	199
86	Thermalization and Heating Dynamics in Open Generic Many-Body Systems. Physical Review Letters, 2018, 121, 170402.	2.9	30
87	Photonic implementation of Majorana-based Berry phases. Science Advances, 2018, 4, eaat6533.	4.7	17
88	Population mixing due to dipole-dipole interactions in a one-dimensional array of multilevel atoms. Physical Review A, 2018, 98, .	1.0	9
89	Optimal working point in dissipative quantum annealing. Physical Review B, 2018, 98, .	1.1	20
90	Stable-unstable transition for a Bose-Hubbard chain coupled to an environment. Physical Review A, 2018, 97, .	1.0	16

#	Article	IF	Citations
91	Particle statistics and lossy dynamics of ultracold atoms in optical lattices. Physical Review A, 2018, 97, .	1.0	4
92	Non-Markovian quantum control as coherent stochastic trajectories. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 414014.	0.7	18
93	Probing quantum coherence in ultrafast molecular processes: An <i>ab initio</i> approach to open quantum systems. Journal of Chemical Physics, 2018, 148, 204112.	1.2	18
94	Variational principle for quantum impurity systems in and out of equilibrium: Application to Kondo problems. Physical Review B, 2018, 98, .	1.1	22
95	Lindblad dynamics of Gaussian states and their superpositions in the semiclassical limit. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 365203.	0.7	8
96	Light propagation through one-dimensional interacting open quantum systems. Physical Review A, 2018, 98, .	1.0	10
97	Open Quantum Systems Dynamics. Springer Theses, 2018, , 59-114.	0.0	0
98	Making rare events typical in Markovian open quantum systems. Physical Review A, 2018, 98, .	1.0	67
99	Dynamical properties of dissipative XYZ Heisenberg lattices. New Journal of Physics, 2018, 20, 045003.	1.2	35
100	Gaussian Quantum Trajectories for the Variational Simulation of Open Quantum-Optical Systems. Applied Sciences (Switzerland), 2018, 8, 1427.	1.3	20
101	Vector of A Posteriori State of an Emitting Two-Level Particle. JETP Letters, 2019, 109, 676-681.	0.4	2
102	Critical phenomena and nonlinear dynamics in a spin ensemble strongly coupled to a cavity. II. Semiclassical-to-quantum boundary. Physical Review A, 2019, 100, .	1.0	15
103	Non-Hermitian Majorana modes protect degenerate steady states. Physical Review B, 2019, 100, .	1.1	29
104	Active energy transport and the role of symmetry breaking in microscopic power grids. Physical Review A, 2019, 100, .	1.0	9
105	Unitary evolution with fluctuations and dissipation. Physical Review C, 2019, 100, .	1.1	27
106	Heating-Induced Long-Range <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mrow><mml:mi>i·</mml:mi></mml:mrow></mml:math> Pairing in the Hubbard Model. Physical Review Letters, 2019, 123, 030603.	2.9	63
107	Population imbalance, macroscopic tunneling and intermodal entanglement of two-mode Bose–Einstein condensate under the influence of dissipation process. International Journal of Modern Physics B, 2019, 33, 1950181.	1.0	4
108	Measurement-Induced Phase Transitions in the Dynamics of Entanglement. Physical Review X, 2019, 9, .	2.8	366

ARTICLE IF CITATIONS # Five approaches to exact open-system dynamics: Complete positivity, divisibility, and time-dependent 109 1.2 17 observables. Journal of Chemical Physics, 2019, 151, 044101. Role of coherence in the plasmonic control of molecular absorption. Journal of Chemical Physics, 1.2 2019, 151, 044703. Variational Neural-Network Ansatz for Steady States in Open Quantum Systems. Physical Review 111 2.9 135 Letters, 2019, 122, 250503. Quantum Lyapunov exponents beyond continuous measurements. Chaos, 2019, 29, 063130. Temporal coherence of a photon condensate: A quantum trajectory description. Physical Review A, 113 1.0 10 2019, 100, . Interacting bosons in two-dimensional lattices with localized dissipation. New Journal of Physics, 2019, 21, 103050. 114 1.2 115 Matrix product states with adaptive global symmetries. Physical Review B, 2019, 100, . 1.1 5 Monitoring the Physiological and Biochemical Indicators of Teenage Male Rowers during Winter 0.2 Training. IOP Conférence Series: Earth and Environmental Science, 2019, 252, 022038. 117 Quantized conductance through a dissipative atomic point contact. Physical Review A, 2019, 100, . 1.0 35 Quantized Conductance through a Spin-Selective Atomic Point Contact. Physical Review Letters, 2019, 118 46 123, 193605. Efficient variational approach to dynamics of a spatially extended bosonic Kondo model. Physical 119 1.0 8 Review A, 2019, 100, . Controlling Quantum Transport via Dissipation Engineering. Physical Review Letters, 2019, 123, 180402. Non-Hermitian Many-Body Localization. Physical Review Letters, 2019, 123, 090603. 121 2.9 166 Dressed quantum trajectories: novel approach to the non-Markovian dynamics of open quantum 1.2 systems on a wide time scale. New Journal of Physics, 2019, 21, 063004. Describing many-body localized systems in thermal environments. New Journal of Physics, 2019, 21, 123 1.2 15 063026. Theory of Non-Hermitian Fermionic Superfluidity with a Complex-Valued Interaction. Physical Review 124 147 Letters, 2019, 123, 123601. A review of modeling interacting transient phenomena with non-equilibrium Green functions. Reports 125 8.1 19 on Progress in Physics, 2019, 82, 046001. Critical open-system dynamics in a one-dimensional optical-lattice clock. Physical Review A, 2019, 99, . 64

#	Article	IF	Citations
127	Fluorescence Spectrum and Thermalization in a Driven Coupled Cavity Array. Physical Review Letters, 2019, 122, 043602.	2.9	11
128	Subradiant states of quantum bits coupled to a one-dimensional waveguide. New Journal of Physics, 2019, 21, 025003.	1.2	90
129	Non-Hermitian systems and topology: A transfer-matrix perspective. Physical Review B, 2019, 99, .	1.1	142
130	The Kibble-Zurek mechanism at exceptional points. Nature Communications, 2019, 10, 2254.	5.8	40
131	Measurement-induced dynamics and stabilization of spinor-condensate domain walls. Physical Review A, 2019, 99, .	1.0	12
132	Gradient-based optimal control of open quantum systems using quantum trajectories and automatic differentiation. Physical Review A, 2019, 99, .	1.0	53
133	Thermalization in the quantum Ising model—approximations, limits, and beyond. Quantum Science and Technology, 2019, 4, 034002.	2.6	10
134	Probing Rényi entanglement entropy via randomized measurements. Science, 2019, 364, 260-263.	6.0	375
135	Non-stationary coherent quantum many-body dynamics through dissipation. Nature Communications, 2019, 10, 1730.	5.8	175
136	Absence of Criticality in the Phase Transitions of Open Floquet Systems. Physical Review Letters, 2019, 122, 110602.	2.9	10
137	Topological bands for ultracold atoms. Reviews of Modern Physics, 2019, 91, .	16.4	541
138	Dissipative Bose-Hubbard system with intrinsic two-body loss. Physical Review A, 2019, 99, .	1.0	45
139	Optimal stochastic unraveling of disordered open quantum systems: Application to driven-dissipative photonic lattices. Physical Review A, 2019, 99, .	1.0	11
140	Hidden order in quantum many-body dynamics of driven-dissipative nonlinear photonic lattices. Physical Review A, 2019, 99, .	1.0	9
141	Interaction effects on the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi </mml:math> -symmetry-breaking transition in atomic gases. Physical Review A, 2019, 99, .	1.0	14
142	Quantum stabilization of photonic spatial correlations. Physica Scripta, 2019, 94, 024001.	1.2	2
143	Tensor Network Annealing Algorithm for Two-Dimensional Thermal States. Physical Review Letters, 2019, 122, 070502.	2.9	50
144	Reservoir engineering of Cooper-pair-assisted transport with cold atoms. New Journal of Physics, 2019, 21, 115001.	1.2	12

#	Article		CITATIONS
145	Quantum State of the Fermionic Carriers in a Transport Channel Connecting Particle Reservoirs. Condensed Matter, 2019, 4, 85.	0.8	3
146	Neutrino decoherence in a fermion and scalar background. Physical Review D, 2019, 100, .	1.6	8
147	Nonequilibrium steady states of Bose-Einstein condensates with a local particle loss in double potential barriers. Physical Review A, 2019, 100, .	1.0	5
148	Quantum Neimark-Sacker bifurcation. Scientific Reports, 2019, 9, 17932.	1.6	5
149	Quantum exceptional points of non-Hermitian Hamiltonians and Liouvillians: The effects of quantum jumps. Physical Review A, 2019, 100, .	1.0	172
150	Critical Response of a Quantum van der Pol Oscillator. Physical Review Letters, 2019, 123, 250401.	2.9	29
151	Disorder-induced exceptional and hybrid point rings in Weyl/Dirac semimetals. Physical Review B, 2019, 100, .	1.1	21
152	The Monte Carlo wave-function method: A robust adaptive algorithm and a study in convergence. Computer Physics Communications, 2019, 238, 88-101.	3.0	6
153	Many-body open quantum systems beyond Lindblad master equations. Physical Review A, 2019, 99, .	1.0	28
154	One-dimensional many-body entangled open quantum systems with tensor network methods. Quantum Science and Technology, 2019, 4, 013001.	2.6	35
155	Cryogenic trapped-ion system for large scale quantum simulation. Quantum Science and Technology, 2019, 4, 014004.	2.6	90
156	Using spectroscopy to probe relaxation, decoherence, and localization of photoexcited states in ï€-conjugated polymers. Faraday Discussions, 2020, 221, 281-298.	1.6	1
157	Feedback-Induced Quantum Phase Transitions Using Weak Measurements. Physical Review Letters, 2020, 124, 010603.	2.9	42
158	Anomalous decay of coherence in a dissipative many-body system. Nature Physics, 2020, 16, 21-25.	6.5	59
159	PT-symmetric non-Hermitian quantum many-body system using ultracold atoms in an optical lattice with controlled dissipation. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	45
160	Dynamically induced topology and quantum monodromies in a proximity quenched gapless wire. Physical Review B, 2020, 102, .	1.1	2
161	Melting of the critical behavior of a Tomonaga-Luttinger liquid under dephasing. Physical Review B, 2020, 102, .	1.1	9
162	Hybrid theoretical models for molecular nanoplasmonics. Journal of Chemical Physics, 2020, 153, 200901.	1.2	27

#	Article	IF	CITATIONS
163	Quantum Electrodynamic Control of Matter: Cavity-Enhanced Ferroelectric Phase Transition. Physical Review X, 2020, 10, .	2.8	72
164	Interaction-induced dynamical <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT -symmetry breaking in dissipative Fermi-Hubbard models. Physical Review A. 2020. 102</mml:mi </mml:math 	1.0	19
165	Topological Bose-Mott insulators in one-dimensional non-Hermitian superlattices. Physical Review B, 2020, 102, .	1.1	37
166	Quantum Thermodynamic Uncertainty Relation for Continuous Measurement. Physical Review Letters, 2020, 125, 050601.	2.9	59
167	Collective Dissipative Molecule Formation in a Cavity. Physical Review Letters, 2020, 125, 193201.	2.9	12
168	Analyzing photon-count heralded entanglement generation between solid-state spin qubits by decomposing the master-equation dynamics. Physical Review A, 2020, 102, .	1.0	13
169	Measurement-induced transitions of the entanglement scaling law in ultracold gases with controllable dissipation. Physical Review A, 2020, 102, .	1.0	61
170	Numerically Exact Treatment of Many-Body Self-Organization in a Cavity. Physical Review Letters, 2020, 125, 093604.	2.9	18
171	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
172	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
173	Measurement-induced quantum criticality under continuous monitoring. Physical Review B, 2020, 102,	1.1	98
174	Superradiant switching, quantum hysteresis, and oscillations in a generalized Dicke model. Physical Review A, 2020, 102, .	1.0	16
175	Experimental characterization of the energetics of quantum logic gates. Npj Quantum Information, 2020, 6, .	2.8	24
176	Long-Range Coherence and Multiple Steady States in a Lossy Qubit Array. Physical Review Letters, 2020, 125, 240404.	2.9	11
177	Solving quantum trajectories for systems with linear Heisenberg-picture dynamics and Gaussian measurement noise. Physical Review A, 2020, 102, .	1.0	7
178	Neutrino decoherence in an electron and nucleon background. Physical Review D, 2020, 102, .	1.6	9
179	Nonequilibrium strong-coupling theory for a driven-dissipative ultracold Fermi gas in the BCS-BEC crossover region. Physical Review A, 2020, 101, .	1.0	10
180	Robustness to spontaneous emission of a variational quantum algorithm. Physical Review A, 2020, 101,	1.0	10

ARTICLE IF CITATIONS # Supercorrelated Radiance in Nonlinear Photonic Waveguides. Physical Review Letters, 2020, 124, 181 2.9 29 213601. How electronic dephasing affects the high-harmonic generation in atoms. Molecular Physics, 2020, 0.8 118, e1769871. Prethermal memory loss in interacting quantum systems coupled to thermal baths. Physical Review B, 183 1.1 5 2020, 101, . Error bounds for constrained dynamics in gapped quantum systems: Rigorous results and 184 generalizations. Physical Review A, 2020, 101, . Dissipative dynamics and cooling rates of trapped impurity atoms immersed in a reservoir gas. Physical 185 1.0 8 Review A, 2020, 101, . Dissipation-Induced Luttinger Liquid Correlations in a One-Dimensional Fermi Gas. Physical Review Letters, 2020, 124, 136401. Noise-Driven Universal Dynamics towards an Infinite Temperature State. Physical Review Letters, 2020, 187 2.9 13 124, 130602. Quantum Quench in PT -Symmetric Luttinger Liquid. Physical Review Letters, 2020, 124, 136802. 2.9 188 21 Tools for quantum simulation with ultracold atoms in optical lattices. Nature Reviews Physics, 2020, 189 11.9 200 2, 411-425. Hybrid-Liouvillian formalism connecting exceptional points of non-Hermitian Hamiltonians and 1.0 58 Liouvillians via postselection of quantum trajectories. Physical Review A, 2020, 101, . Measurement-induced dynamics of many-body systems at quantum criticality. Physical Review B, 2020, 191 1.1 45 102, . Cavity-assisted controlled phase-flip gates. Physical Review A, 2020, 102, . 1.0 Quantum synchronisation enabled by dynamical symmetries and dissipation. New Journal of Physics, 193 1.2 43 2020, 22, 013026. Numerical linked-cluster expansion for the dissipative XYZ model on a triangular lattice. Journal of 194 Physics Communications, 2020, 4, 015020. Nonequilibrium metastable state in a chain of interacting spinless fermions with localized loss. 195 1.1 16 Physical Review B, 2020, 101, . Collective excitation dynamics of a cold atom cloud. Physical Review A, 2020, 101, . Multistability of Driven-Dissipative Quantum Spins. Physical Review Letters, 2020, 124, 043601. 197 2.9 45 Fate of zero modes in a finite Su-Schrieffer-Heeger model with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi 198 mathvariant="script">PT</mml:mi></mml:math> symmetry. Physical Review A, 2020, 101, .

#	Article		CITATIONS
199	Many-Body Chiral Edge Currents and Sliding Phases of Atomic Spin Waves in Momentum-Space Lattice. Physical Review Letters, 2020, 124, 140401.	2.9	12
200	Dynamical Sign Reversal of Magnetic Correlations in Dissipative Hubbard Models. Physical Review Letters, 2020, 124, 147203.	2.9	44
201	Dissipation assisted Thouless pumping in the Rice–Mele model. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 043101.	0.9	5
202	Anderson localization transition in a robust PT -symmetric phase of a generalized Aubry-André model. Physical Review A, 2021, 103, .	1.0	22
203	Dynamics of entanglement after exceptional quantum quench. Physical Review B, 2021, 103, .	1.1	15
204	A quantum optics approach to photoinduced electron transfer in cavities. Journal of Chemical Physics, 2021, 154, 054104.	1.2	16
205	Exceptional Spin Liquids from Couplings to the Environment. Physical Review Letters, 2021, 126, 077201.	2.9	30
206	Breakdown of Markovianity by interactions in stroboscopic Floquet-Lindblad dynamics under high-frequency drive. Physical Review A, 2021, 103, .	1.0	4
207	Fully Quantum Scalable Description of Driven-Dissipative Lattice Models. PRX Quantum, 2021, 2, .	3.5	13
208	Out-of-equilibrium steady states of a locally driven lossy qubit array. Physical Review Research, 2021, 3, .	1.3	8
209	Non-Hermitian BCS-BEC crossover of Dirac fermions. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
210	Measurement and Entanglement Phase Transitions in All-To-All Quantum Circuits, on Quantum Trees, and in Landau-Ginsburg Theory. PRX Quantum, 2021, 2, .	3.5	119
211	Absorbing phase transition with a continuously varying exponent in a quantum contact process: A neural network approach. Physical Review Research, 2021, 3, .	1.3	20
212	Simulation methods for open quantum many-body systems. Reviews of Modern Physics, 2021, 93, .	16.4	85
213	Exact Liouvillian Spectrum of a One-Dimensional Dissipative Hubbard Model. Physical Review Letters, 2021, 126, 110404.	2.9	56
214	Entanglement Entropy Scaling Transition under Competing Monitoring Protocols. Physical Review Letters, 2021, 126, 123604.	2.9	36
215	Steady states, squeezing, and entanglement in intracavity triplet down conversion. Optics Communications, 2021, 484, 126699.	1.0	1
216	Quantum jump Monte Carlo approach simplified: Abelian symmetries. Physical Review A, 2021, 103, .	1.0	3

#	Article	IF	CITATIONS
217	Entanglement Transition in a Monitored Free-Fermion Chain: From Extended Criticality to Area Law. Physical Review Letters, 2021, 126, 170602.	2.9	132
218	Driven-dissipative control of cold atoms in tilted optical lattices. Physical Review A, 2021, 103, .	1.0	6
219	Cavity-assisted preparation and detection of a unitary Fermi gas. New Journal of Physics, 2021, 23, 043029.	1.2	12
220	Response of quantum spin networks to attacks. Journal of Physics Complexity, 2021, 2, 035008.	0.9	3
221	Quench Dynamics of a Fermi Gas with Strong Nonlocal Interactions. Physical Review X, 2021, 11, .	2.8	59
222	Dissipative state transfer and Maxwell's demon in single quantum trajectories: Excitation transfer between two noninteracting qubits via unbalanced dissipation rates. Physical Review A, 2021, 103, .	1.0	7
223	Finite-temperature transport in one-dimensional quantum lattice models. Reviews of Modern Physics, 2021, 93, .	16.4	170
224	Defect production due to time-dependent coupling to environment in the Lindblad equation. Physical Review B, 2021, 103, .	1.1	2
225	Bottomonium suppression in an open quantum system using the quantum trajectories method. Journal of High Energy Physics, 2021, 2021, 1.	1.6	49
226	Enhancing Associative Memory Recall and Storage Capacity Using Confocal Cavity QED. Physical Review X, 2021, 11, .	2.8	25
227	Strong correlations in lossy one-dimensional quantum gases: From the quantum Zeno effect to the generalized Gibbs ensemble. Physical Review A, 2021, 103, .	1.0	26
228	Ultrafast Fluorescence Depolarization in Conjugated Polymers. Journal of Physical Chemistry Letters, 2021, 12, 5344-5348.	2.1	4
229	Taming the pinch singularities in the two-loop neutrino self-energy in a medium. Physical Review D, 2021, 103, .	1.6	0
230	Theory of classical metastability in open quantum systems. Physical Review Research, 2021, 3, .	1.3	21
231	Dynamical Mean-Field Theory for Markovian Open Quantum Many-Body Systems. Physical Review X, 2021, 11, .	2.8	17
232	Quantum Stochastic Processes and Quantum non-Markovian Phenomena. PRX Quantum, 2021, 2, .	3.5	63
233	Symmetries and conserved quantities of boundary time crystals in generalized spin models. Physical Review B, 2021, 104, .	1.1	23
234	Collective Excitations and Nonequilibrium Phase Transition in Dissipative Fermionic Superfluids. Physical Review Letters, 2021, 127, 055301.	2.9	25

		Citation Re	PORT	
#	Article		IF	CITATIONS
235	Lindbladian approximation beyond ultraweak coupling. Physical Review E, 2021, 104, 02	14110.	0.8	14
236	Symmetric dynamics in dissipative quantum many-body models. Physical Review A, 202	1, 104, .	1.0	2
237	Liouvillian Skin Effect: Slowing Down of Relaxation Processes without Gap Closing. Phys Letters, 2021, 127, 070402.	sical Review	2.9	64
238	Non-Hermitian Lindhard function and Friedel oscillations. Physical Review B, 2021, 104,	·	1.1	1
239	Entanglement entropy of non-Hermitian free fermions. Journal of Physics Condensed Ma 475502.	atter, 2021, 33,	0.7	12
240	Losses in interacting quantum gases: Ultraviolet divergence and its regularization. Physi 2021, 104, .	cal Review A,	1.0	7
241	Probing the superfluid-insulator phase transition by a non-Hermitian external field. Physi 2021, 104, .	ical Review B,	1.1	3
242	Tuning the universality class of phase transitions by feedback: Open quantum systems b dissipation. Physical Review A, 2021, 104, .	beyond	1.0	7
243	Decoherence effects break reciprocity in matter transport. Physical Review B, 2021, 104	ł, .	1.1	2
244	Analysis of a density matrix renormalization group approach for transport in open quant Computer Physics Communications, 2021, 267, 108060.	tum systems.	3.0	7
245	Thermodynamic Uncertainty Relation for General Open Quantum Systems. Physical Rev 2021, 126, 010602.	iew Letters,	2.9	55
246	Chaotic spin-photonic quantum states in an open periodically modulated cavity. Chaos,	2021, 31, 013112.	1.0	3
247	Increasing Performance of the Quantum Trajectory Method by Grouping Trajectories. Communications in Computer and Information Science, 2017, , 136-150.		0.4	1
248	Photon waiting-time distributions: A keyhole into dissipative quantum chaos. Chaos, 20	20, 30, 023107.	1.0	4
249	Non-Hermitian physics. Advances in Physics, 2020, 69, 249-435.		35.9	695
250	Non-stationarity and dissipative time crystals: spectral properties and finite-size effects. of Physics, 2020, 22, 085007.	New Journal	1.2	31
251	A non-Hermitian PT-symmetric kicked top. New Journal of Physics, 2020, 22, 103011.		1.2	11
252	Optically- and thermally-induced electronic transitions in a three-level system. Physica S 95, 105808.	cripta, 2020,	1.2	2

		CITATION REPORT		
#	Article		IF	CITATIONS
253	Randomized benchmarking in the analogue setting. Quantum Science and Technology, 202	0, 5, 034001.	2.6	5
254	Adiabatic preparation of entangled, magnetically ordered states with cold bosons in optical Quantum Science and Technology, 2020, 5, 045013.	lattices.	2.6	8
255	Dynamical preparation of a steady off-diagonal long-range order state in the Hubbard model local non-Hermitian impurity. Physical Review B, 2020, 102, .	l with a	1.1	10
256	Nonequilibrium non-Markovian steady states in open quantum many-body systems: Persiste oscillations in Heisenberg quantum spin chains. Physical Review B, 2020, 102, .	nt	1.1	8
257	Integrability of one-dimensional Lindbladians from operator-space fragmentation. Physical R 2020, 102, 062210.	eview E,	0.8	26
258	Continuous Phase Transition without Gap Closing in Non-Hermitian Quantum Many-Body Sy Physical Review Letters, 2020, 125, 260601.	ystems.	2.9	69
259	Exceptional points and the topology of quantum many-body spectra. Physical Review Resea	rch, 2019, 1, .	1.3	37
260	Gaussian trajectory approach to dissipative phase transitions: The case of quadratically drive photonic lattices. Physical Review Research, 2020, 2, .	20	1.3	22
261	Synchronization along quantum trajectories. Physical Review Research, 2020, 2, .		1.3	29
262	Universality classes of non-Hermitian random matrices. Physical Review Research, 2020, 2, .		1.3	72
263	Critical fluctuations at a many-body exceptional point. Physical Review Research, 2020, 2, .		1.3	49
264	Photon propagation through dissipative Rydberg media at large input rates. Physical Review 2020, 2, .	Research,	1.3	19
265	Nonlinear semiclassical dynamics of the unbalanced, open Dicke model. Physical Review Res 2020, 2, .	earch,	1.3	22
266	Entanglement and complexity of interacting qubits subject to asymmetric noise. Physical Re Research, 2020, 2, .	wiew	1.3	4
267	Interplay between coherent and dissipative dynamics of bosonic doublons in an optical lattic Physical Review Research, 2020, 2, .	ce.	1.3	8
268	Generalized theory of pseudomodes for exact descriptions of non-Markovian quantum proc Physical Review Research, 2020, 2, .	esses.	1.3	27
269	Rectification in nonequilibrium steady states of open many-body systems. Physical Review R 2020, 2, .	esearch,	1.3	14
270	Density-operator evolution: Complete positivity and the Keldysh real-time expansion. SciPos 2019, 7, .	t Physics,	1.5	8

		CITATION REPORT		
#	Article		IF	Citations
271	Dissipative flow equations. SciPost Physics, 2020, 9, .		1.5	10
272	Numerical evaluation of two-time correlation functions in open quantum systems with product state methods: a comparison. SciPost Physics Core, 2020, 3, .	matrix	0.9	6
273	The Tensor Networks Anthology: Simulation techniques for many-body quantum lattice SciPost Physics Lecture Notes, 0, , .	? systems.	0.0	66
274	Exact solution of a quantum asymmetric exclusion process with particle creation and a Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 103102.	nnihilation.	0.9	4
275	Stabilization of Qubit Relaxation Rates by Frequency Modulation. Physical Review Appl	ed, 2021, 16, .	1.5	2
276	A Model of Spontaneous Collapse with Energy Conservation. Foundations of Physics, 2	021, 51, 1.	0.6	4
277	Spectral Statistics of Non-Hermitian Matrices and Dissipative Quantum Chaos. Physica 2021, 127, 170602.	Review Letters,	2.9	37
278	Two-body exceptional points in open dissipative systems. Chinese Physics B, 2022, 31,	010309.	0.7	9
279	Quantum Critical Phenomena. Springer Theses, 2020, , 29-85.		0.0	0
280	Feedback induced magnetic phases in binary Bose-Einstein condensates. Physical Revie 2, .	w Research, 2020,	1.3	9
281	Vaporization Dynamics of a Dissipative Quantum Liquid. Physical Review Letters, 2020	125, 266803.	2.9	8
282	Out-of-Equilibrium Quantum Dynamics. Springer Theses, 2020, , 87-143.		0.0	0
283	Generalized Brillouin zone and non-Hermitian band theory. Wuli Xuebao/Acta Physica S 230307.	inica, 2021, 70,	0.2	4
284	Speeding up quantum dissipative dynamics of open systems with kernel methods. New Physics, 2021, 23, 113019.	Journal of	1.2	20
285	On the dissipative dynamics of entangled states in coupled-cavity quantum electrodyn Journal of the Optical Society of America B: Optical Physics, 2022, 39, 177.	amics arrays.	0.9	3
286	One-dimensional spin-1/2 fermionic gases with two-body losses: Weak dissipation and conservation. Physical Review A, 2021, 104, .	spin	1.0	8
287	Bloch oscillations in a Bose–Hubbard chain with single-particle losses. Journal of Phys Molecular and Optical Physics, 2020, 53, 195302.	ics B: Atomic,	0.6	2
288	Completely Positive, Simple, and Possibly Highly Accurate Approximation of the Redfiel Quantum - the Open Journal for Quantum Science, 0, 4, 326.	d Equation.	0.0	24

#	Article	IF	CITATIONS
289	Theoretical methods to treat a single dissipative bosonic mode coupled globally to an interacting many-body system. Physical Review Research, 2020, 2, .	1.3	5
290	Information constraint in open quantum systems. Physical Review B, 2021, 104, .	1.1	6
291	Engineered dissipation induced entanglement transition in quantum spin chains: From logarithmic growth to area law. Physical Review B, 2021, 104, .	1.1	29
292	Bottomonium production in heavy-ion collisions using quantum trajectories: Differential observables and momentum anisotropy. Physical Review D, 2021, 104, .	1.6	29
293	Determination of the critical exponents in dissipative phase transitions: Coherent anomaly approach. Physical Review B, 2021, 104, .	1.1	4
294	Continuous-time dynamics and error scaling of noisy highly entangling quantum circuits. Physical Review A, 2021, 104, .	1.0	3
295	Bottomonium observables in an open quantum system using the quantum trajectories method. EPJ Web of Conferences, 2022, 258, 05005.	0.1	2
296	QTRAJ 1.0: A Lindblad equation solver for heavy-quarkonium dynamics. Computer Physics Communications, 2022, 273, 108266.	3.0	12
297	Gaussian trajectory description of fragmentation in an isolated spinor condensate. Physical Review A, 2022, 105, .	1.0	2
298	Dissipative dynamics in the free massive boson limit of the sine-Gordon model. SciPost Physics Core, 2022, 5, .	0.9	4
299	Bottomonium suppression and flow in heavy-ion collisions. EPJ Web of Conferences, 2022, 259, 04001.	0.1	2
300	Kubo Formula for Non-Hermitian Systems and Tachyon Optical Conductivity. Physical Review Letters, 2022, 128, 016802.	2.9	12
301	Discrete time crystal in a driven-dissipative Bose-Hubbard model with two-photon processes. Physical Review A, 2022, 105, .	1.0	1
302	Transition between vacuum and finite-density states in the infinite-dimensional Bose–Hubbard model with spatially inhomogeneous dissipation. Progress of Theoretical and Experimental Physics, 2022, 2022, .	1.8	0
303	Chiral control of quantum states in non-Hermitian spin–orbit-coupled fermions. Nature Physics, 2022, 18, 385-389.	6.5	60
304	Dissipative Floquet Dynamics: from Steady State to Measurement Induced Criticality in Trapped-ion Chains. Quantum - the Open Journal for Quantum Science, 0, 6, 638.	0.0	48
305	Nonnormal Hamiltonian dynamics in quantum systems and its realization on quantum computers. Physical Review B, 2022, 105, .	1.1	5
306	Arnoldi-Lindblad time evolution: Faster-than-the-clock algorithm for the spectrum of time-independent and Floquet open quantum systems. Quantum - the Open Journal for Quantum Science, 0, 6, 649.	0.0	3

#	Article	IF	CITATIONS
307	Breaking strong symmetries in dissipative quantum systems: Bosonic atoms coupled to a cavity. Physical Review Research, 2022, 4, .	1.3	12
308	Many-Body Quantum State Diffusion for Non-Markovian Dynamics in Strongly Interacting Systems. Physical Review Letters, 2022, 128, 063601.	2.9	17
309	Liouvillian spectral collapse in the Scully-Lamb laser model. Physical Review Research, 2021, 3, .	1.3	12
310	All-optical pulse switching with a periodically driven dissipative quantum system. Optics Express, 2022, 30, 7987.	1.7	1
311	Emergent Mott insulators and non-Hermitian conservation laws in an interacting bosonic chain with noninteger filling and nonreciprocal hopping. Physical Review B, 2022, 105, .	1.1	9
312	Real-time motion of open quantum systems: Structure of entanglement, renormalization group, and trajectories. Physical Review B, 2022, 105, .	1.1	0
313	Characterizing bulk-boundary correspondence of one-dimensional non-Hermitian interacting systems by edge entanglement entropy. Physical Review B, 2022, 105, .	1.1	9
314	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi </mml:math> phase transition in open quantum systems with Lindblad dynamics. Physical Review A, 2022, 105, .	1.0	16
315	Entanglement transitions in the quantum Ising chain: A comparison between different unravelings of the same Lindbladian. Physical Review B, 2022, 105, .	1.1	24
316	Activity-induced phase transition in a quantum many-body system. Physical Review Research, 2022, 4, .	1.3	1
317	Universal Behavior beyond Multifractality of Wave Functions at Measurement-Induced Phase Transitions. Physical Review Letters, 2022, 128, 130605.	2.9	36
318	Correlations at PT-Symmetric Quantum Critical Point. Physical Review Letters, 2022, 128, 146804.	2.9	13
319	Mobility edges generated by the non-Hermitian flatband lattice. Chinese Physics B, 2023, 32, 027102.	0.7	1
320	Quantum Lyapunov exponents and complex spacing ratios: Two measures of dissipative quantum chaos. Chaos, 2022, 32, 043106.	1.0	4
321	Emerging Dissipative Phases in a Superradiant Quantum Gas with Tunable Decay. Physical Review X, 2021, 11, .	2.8	28
322	Direct sampling of projected entangled-pair states. Physical Review B, 2021, 104, .	1.1	11
323	Searching for exceptional points and inspecting non-contractivity of trace distance in (anti-)\$\$mathcal {PT}!\$\$-symmetric systems. Quantum Information Processing, 2022, 21, 1.	1.0	5
324	Quantum simulation of quantum many-body systems with ultracold two-electron atoms in an optical lattice. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2022, 98, 141-160.	1.6	5

	CITATION	CITATION REPORT	
#	Article	IF	CITATIONS
325	Hierarchical classical metastability in an open quantum East model. Physical Review E, 2022, 105, 044121.	0.8	4
326	Many-body topology of non-Hermitian systems. Physical Review B, 2022, 105, .	1.1	43
327	Electrical circuit simulation of nonreciprocal Aubry-André models. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 160301.	0.2	3
328	Out-of-equilibrium quantum dynamics of fermionic gases in the presence of localized particle loss. Physical Review A, 2022, 105, .	1.0	5
329	Hamiltonian open quantum system toolkit. Communications Physics, 2022, 5, .	2.0	10
330	Symmetry Classification and Universality in Non-Hermitian Many-Body Quantum Chaos by the Sachdev-Ye-Kitaev Model. Physical Review X, 2022, 12, .	2.8	32
331	Universal properties of dissipative Tomonaga-Luttinger liquids: Case study of a non-Hermitian XXZ spin chain. Physical Review B, 2022, 105, .	1.1	24
332	Quantum information scrambling: from holography to quantum simulators. European Physical Journal C, 2022, 82, .	1.4	9
333	Driven-Dissipative Criticality within the Discrete Truncated Wigner Approximation. Physical Review Letters, 2022, 128, .	2.9	10
334	Generalized quantum measurements with matrix product states: Entanglement phase transition and clusterization. Physical Review Research, 2022, 4, .	1.3	17
335	Kinetically Constrained Quantum Dynamics in Superconducting Circuits. PRX Quantum, 2022, 3, .	3.5	10
336	Collective bosonic effects in an array of transmon devices. Physical Review A, 2022, 105, .	1.0	8
337	Entanglement-Optimal Trajectories of Many-Body Quantum Markov Processes. Physical Review Letters, 2022, 128, .	2.9	8
338	Universal scaling at a prethermal dark state. Physical Review B, 2022, 105, .	1.1	3
339	Quantum thermodynamics under continuous monitoring: A general framework. AVS Quantum Science, 2022, 4, .	1.8	18
340	Non-Markovian Quantum Dynamics in Strongly Coupled Multimode Cavities Conditioned on Continuous Measurement. PRX Quantum, 2022, 3, .	3.5	8
341	Relativistic quantum field theory of stochastic dynamics in the Hilbert space. Physical Review D, 2022, 105, .	1.6	1
342	Entanglement transitions from stochastic resetting of non-Hermitian quasiparticles. Physical Review B, 2022, 105, .	1.1	57

#	Article	IF	CITATIONS
343	Non-Floquet engineering in periodically driven dissipative open quantum systems. Journal of Physics Condensed Matter, 2022, 34, 365402.	0.7	4
344	Dephasing effects on the low-energy dynamics of ϕ4-model. International Journal of Modern Physics B, 0, , .	1.0	Ο
345	Collisional-model quantum trajectories for entangled-qubit environments. Physical Review A, 2022, 106, .	1.0	2
346	Propagation of errors and quantitative quantum simulation with quantum advantage. Quantum Science and Technology, 2022, 7, 045025.	2.6	4
347	Monitoring-induced entanglement entropy and sampling complexity. Physical Review Research, 2022, 4,	1.3	3
348	Key for a Hidden Quantum State. Physical Review Letters, 2022, 129, .	2.9	1
349	Kondo effect in a non-Hermitian <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT -symmetric Anderson model with Rashba spin-orbit coupling. Physical Review B, 2022, 106, .</mml:mi </mml:math 	1.1	2
350	Learning quantum dissipation by the neural ordinary differential equation. Physical Review A, 2022, 106, .	1.0	1
351	Symmetry breaking and spectral structure of the interacting Hatano-Nelson model. Physical Review B, 2022, 106, .	1.1	39
352	Non-Hermitian many-body localization with open boundaries. Physical Review B, 2022, 106, .	1.1	24
353	Glassy disorder-induced effects in noisy dynamics of Bose–Hubbard and Fermi–Hubbard systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 205502.	0.6	1
354	Symmetry protected exceptional points of interacting fermions. Physical Review Research, 2022, 4, .	1.3	8
355	Spectral properties of disordered interacting non-Hermitian systems. Physical Review B, 2022, 106, .	1.1	12
356	Estimating energy levels of a three-level atom in single and multi-parameter metrological schemes. Physica Scripta, 2022, 97, 125402.	1.2	4
357	Non-Hermitian Topological Phenomena: A Review. Annual Review of Condensed Matter Physics, 2023, 14, 83-107.	5.2	59
358	How to design quantum-jump trajectories via distinct master equation representations. Quantum - the Open Journal for Quantum Science, 0, 6, 835.	0.0	2
359	Exciton dynamics in conjugated polymer systems. Frontiers in Physics, 0, 10, .	1.0	5
360	Non-Hermitian off-diagonal magnetic response of Dirac fermions. Physical Review B, 2022, 106, .	1.1	1

#	Article	IF	CITATIONS
361	Quantum-jump vs stochastic SchrĶdinger dynamics for Gaussian states with quadratic Hamiltonians and linear Lindbladians. Journal of Physics A: Mathematical and Theoretical, 0, , .	0.7	1
362	Rise and Fall, and Slow Rise Again, of Operator Entanglement under Dephasing. Physical Review Letters, 2022, 129, .	2.9	11
363	Adiabatic quantum Zeno dynamics of bosonic atom pairs with large inelastic losses. Physical Review A, 2022, 106, .	1.0	0
364	Comparative study for two-terminal transport through a lossy one-dimensional quantum wire. Physical Review A, 2022, 106, .	1.0	5
365	Anomalous Behaviors of Quantum Emitters in Non-Hermitian Baths. Physical Review Letters, 2022, 129, .	2.9	12
366	ls quantum computing green? An estimate for an energy-efficiency quantum advantage. Quantum Science and Technology, 2023, 8, 025001.	2.6	9
367	Full counting statistics in the many-body Hatano-Nelson model. Physical Review B, 2022, 106, .	1.1	7
368	Level statistics of real eigenvalues in non-Hermitian systems. Physical Review Research, 2022, 4, .	1.3	9
369	Nonequilibrium boundary-driven quantum systems: Models, methods, and properties. Reviews of Modern Physics, 2022, 94, .	16.4	42
370	Measurement-induced phase transitions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mrow> <mml:mo> (</mml:mo> <mml:mi>d</mml:mi> -dimensional stabilizer circuits. Physical Review B, 2022, 106, .</mml:mrow></mml:math 	<mml:mo< td=""><td>⊳₽2/mml:m</td></mml:mo<>	⊳ ₽ 2/mml:m
371	Random Quantum Circuits. Annual Review of Condensed Matter Physics, 2023, 14, 335-379.	5.2	84
372	Deterministic generation of multi-photon bundles in a quantum Rabi model. Science China: Physics, Mechanics and Astronomy, 2023, 66, .	2.0	5
373	Efficient flow equations for dissipative systems. SciPost Physics, 2022, 13, .	1.5	1
374	Heat transport in an optical lattice via Markovian feedback control. New Journal of Physics, 2022, 24, 123015.	1.2	0
375	Universal description of dissipative Tomonaga-Luttinger liquids with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mrow> <mml:mi>SU </mml:mi> <mml:mo>(spin symmetry: Exact spectrum and critical exponents. Physical Review B, 2023, 107, .</mml:mo></mml:mrow></mml:math 	o≯∢mml:rr	nian⊠≺/mml:r
376	Entanglement and correlation spreading in non-Hermitian spin chains. Physical Review B, 2023, 107, .	1.1	37
377	Dissipation-induced dynamical phase transition in postselected quantum trajectories. Progress of Theoretical and Experimental Physics, 2023, 2023, .	1.8	4
378	On the generality of symmetry breaking and dissipative freezing in quantum trajectories. SciPost Physics Core, 2023, 6, .	0.9	2

#	Article	IF	CITATIONS
379	Qubit-oscillator relationships in the open quantum Rabi model: the role of dissipation. European Physical Journal Plus, 2023, 138, .	1.2	1
380	Observation of the Sign Reversal of the Magnetic Correlation in a Driven-Dissipative Fermi Gas in Double Wells. Physical Review Letters, 2023, 130, .	2.9	11
381	Fate of the reentrant localization phenomenon in the one-dimensional dimerized quasiperiodic chain with long-range hopping. Physical Review B, 2023, 107, .	1.1	5
382	Entanglement Barrier and its Symmetry Resolution: Theory and Experimental Observation. PRX Quantum, 2023, 4, .	3.5	23
383	Assisted quantum simulation of open quantum systems. IScience, 2023, 26, 106306.	1.9	2
384	Detecting Majorana modes by readout of poisoning-induced parity flips. Physical Review B, 2023, 107, .	1.1	2
385	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi </mml:math> -symmetry phase transition in a Bose-Hubbard model with localized gain and loss. Physical Review B, 2023, 107, .	1.1	1
386	Mathematical Formalism for Nonlocal Spontaneous Collapse in Quantum Field Theory. Foundations of Physics, 2023, 53, .	0.6	3
387	The resonance fluorescence cascade of a laser-excited two-level atom. , 2023, 2023, .		1
388	Kibble–Zurek scaling due to environment temperature quench in the transverse field Ising model. Scientific Reports, 2023, 13, .	1.6	1
389	Absence of logarithmic and algebraic scaling entanglement phases due to the skin effect. Physical Review B, 2023, 107, .	1.1	2
390	PT symmetry-protected exceptional cones and analogue Hawking radiation. New Journal of Physics, 2023, 25, 043012.	1.2	3
391	Lindbladian route towards thermalization of a Luttinger liquid. Physical Review B, 2023, 107, .	1.1	1
392	Dissipative Prethermal Discrete Time Crystal. Physical Review Letters, 2023, 130, .	2.9	2
393	Liouvillian gap and single spin-flip dynamics in the dissipative Fermi-Hubbard model. Physical Review A, 2023, 107, .	1.0	7
394	Generalized Lindblad master equation for measurement-induced phase transition. SciPost Physics Core, 2023, 6, .	0.9	3
395	Nonlinear perturbation of a high-order exceptional point: Skin discrete breathers and the hierarchical power-law scaling. Chinese Physics B, 2023, 32, 084203.	0.7	1
396	Emergent conservation in the Floquet dynamics of integrable non-Hermitian models. Physical Review B, 2023, 107, .	1.1	3

	CHATION REPORT		
#	Article	IF	CITATIONS
397	Husimi Dynamics Generated by non-Hermitian Hamiltonians. Physical Review Letters, 2023, 130, .	2.9	3
398	Entanglement Phase Transition Induced by the Non-Hermitian Skin Effect. Physical Review X, 2023, 13, .	2.8	29
399	Enhanced eigenvector sensitivity and algebraic classification of sublattice-symmetric exceptional points. Physical Review B, 2023, 107, .	1.1	4
424	Cold-atom systems as condensed matter physics emulation. , 2024, , 135-144.		0
439	Accelerated Simulation of Non-Markovian Quantum Systems Using Quantum Trajectory. , 2023, , .		0