

Spectroscopic signatures of localization with interacting qubits

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Interplay of interaction and disorder in the steady state of an open quantum system. <i>Physical Review B</i> , 2018, 97, .	1.1	11
2	Cluster state generation in one-dimensional Kitaev honeycomb model via shortcut to adiabaticity. <i>New Journal of Physics</i> , 2018, 20, 045007.	1.2	9
3	Bound state and localization of excitation in many-body open systems. <i>Physical Review A</i> , 2018, 97, .	1.0	4
4	Methods for quantum analysis of digital circuits. , 2018, , .		0
5	Quench dynamics of quantum spin models with flat bands of excitations. <i>Physical Review B</i> , 2018, 98, .	1.1	7
6	Quantum purification spectroscopy. <i>Physical Review A</i> , 2018, 98, .	1.0	1
7	Floquet Hofstadter butterfly on the kagome and triangular lattices. <i>Physical Review B</i> , 2018, 98, .	1.1	17
8	Self-consistent Hartree-Fock approach to many-body localization. <i>Physical Review B</i> , 2018, 98, .	1.1	24
9	Ergodic-localized junctions in periodically driven systems. <i>Physical Review B</i> , 2018, 98, .	1.1	8
10	Tuneable hopping and nonlinear cross-Kerr interactions in a high-coherence superconducting circuit. <i>Npj Quantum Information</i> , 2018, 4, .	2.8	66
11	Coherent control of solid state nuclear spin nano-ensembles. <i>Npj Quantum Information</i> , 2018, 4, .	2.8	22
12	Tracking the quantized information transfer at the edge of a chiral Floquet phase. <i>Physical Review B</i> , 2018, 98, .	1.1	13
13	Many-body localization transition with power-law interactions: Statistics of eigenstates. <i>Physical Review B</i> , 2018, 97, .	1.1	61
14	Quasiperiodic granular chains and Hofstadter butterflies. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170139.	1.6	15
15	Measurement Quench in Many-Body Systems. <i>Physical Review Letters</i> , 2018, 121, 030601.	2.9	19
16	Dynamical Phase Transitions in Sampling Complexity. <i>Physical Review Letters</i> , 2018, 121, 030501.	2.9	29
17	Realization of Hofstadter's butterfly and a one-way edge mode in a polaritonic system. <i>Physical Review B</i> , 2018, 98, .	1.1	18
18	Artificial gauge fields in materials and engineered systems. <i>Comptes Rendus Physique</i> , 2018, 19, 394-432.	0.3	143

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20	Experimental demonstration of work fluctuations along a shortcut to adiabaticity with a superconducting Xmon qubit. <i>New Journal of Physics</i> , 2018, 20, 085001.	1.2	30
21	String order parameters for one-dimensional Floquet symmetry protected topological phases. <i>Physical Review B</i> , 2018, 97, .	1.1	10
22	Andreev Spectroscopy of Molecular States in Resonant and Charge Accumulation Regime. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-7.	1.1	2
23	Propagation and Localization of Collective Excitations on a 24-Qubit Superconducting Processor. <i>Physical Review Letters</i> , 2019, 123, 050502.	2.9	87
24	Bath-Induced Decay of Stark Many-Body Localization. <i>Physical Review Letters</i> , 2019, 123, 030602.	2.9	23
25	Observation of Topological Magnon Insulator States in a Superconducting Circuit. <i>Physical Review Letters</i> , 2019, 123, 080501.	2.9	80
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28	Many-Body Delocalization in the Presence of a Quantum Bath. <i>Physical Review X</i> , 2019, 9, .	2.8	62
29	Probing the many-body localization phase transition with superconducting circuits. <i>Physical Review B</i> , 2019, 100, .	1.1	38
30	Integrable Many-Body Quantum Floquet-Thouless Pumps. <i>Physical Review Letters</i> , 2019, 123, 170603.	2.9	34
31	Describing many-body localized systems in thermal environments. <i>New Journal of Physics</i> , 2019, 21, 063026.	1.2	15
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34	Synthesis of antisymmetric spin exchange interaction and chiral spin clusters in superconducting circuits. <i>Nature Physics</i> , 2019, 15, 382-386.	6.5	58
35	Probing Quantum Thermalization of a Disordered Dipolar Spin Ensemble with Discrete Time-Crystalline Order. <i>Physical Review Letters</i> , 2019, 122, 043603.	2.9	33
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41	Observation of a Dynamical Quantum Phase Transition by a Superconducting Qubit Simulation. <i>Physical Review Applied</i> , 2019, 11, .	1.5	79
42	Investigating many-body mobility edges in isolated quantum systems. <i>Physical Review B</i> , 2019, 99, .	1.1	20
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45	Persistence of gaps in the interacting anisotropic Hofstadter model. <i>Physical Review B</i> , 2019, 99, .	1.1	6
46	Kosterlitz-Thouless scaling at many-body localization phase transitions. <i>Physical Review B</i> , 2019, 99, .	1.1	87
47	Topological photonics. <i>Reviews of Modern Physics</i> , 2019, 91, .	16.4	2,190
48	Strongly correlated photon transport in nonlinear photonic lattices with disorder: Probing signatures of the localization transition. <i>Physical Review A</i> , 2019, 99, .	1.0	6
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59	Quantum Computers as Universal Quantum Simulators: State-of-the-Art and Perspectives. <i>Advanced Quantum Technologies</i> , 2020, 3, 1900052.	1.8	80
60	Exploring many-body localization in quantum systems coupled to an environment via Wegner-Wilson flows. <i>Nuclear Physics B</i> , 2020, 951, 114886.	0.9	25
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71	Classification of symmetry-protected topological phases in two-dimensional many-body localized systems. <i>Physical Review B</i> , 2020, 102, .	1.1	4
72	Statistically related many-body localization in the one-dimensional anyon Hubbard model. <i>Physical Review B</i> , 2020, 102, .	1.1	7

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74	Dynamical structure factors of dynamical quantum simulators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26123-26134.	3.3	14
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96	Entanglement and edge effects in superpositions of many-body Fock states with spatial constraints. <i>European Physical Journal B</i> , 2020, 93, 1.	0.6	3
97	Dynamical dimerization phase in Jaynes-Cummings lattices. <i>New Journal of Physics</i> , 2020, 22, 033034.	1.2	2
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172	Probing eigenstate thermalization in quantum simulators via fluctuation-dissipation relations. <i>Physical Review Research</i> , 2020, 2, .	1.3	10
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186	Quantum transient heat transport in the hyperparametric oscillator. <i>Physical Review A</i> , 2021, 104, .	1.0	1
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