Anushya Chandran

List of Publications by Year
in descending order

25 papers	1,769 citations	394421 19 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1255 citing authors

#	Article	IF	Citations
1	Periodically driven ergodic and many-body localized quantum systems. Annals of Physics, 2015, 353, 196-204.	2.8	300
2	Constructing local integrals of motion in the many-body localized phase. Physical Review B, 2015, 91, .	3.2	224
3	Many-body localization and symmetry-protected topological order. Physical Review B, 2014, 89, .	3.2	190
4	Kibble-Zurek problem: Universality and the scaling limit. Physical Review B, 2012, 86, .	3.2	172
5	Signatures of integrability in the dynamics of Rydberg-blockaded chains. Physical Review B, 2019, 99, .	3.2	159
6	Bulk-edge correspondence in entanglement spectra. Physical Review B, 2011, 84, .	3.2	125
7	How Universal Is the Entanglement Spectrum?. Physical Review Letters, 2014, 113, 060501.	7.8	86
8	From tunnels to towers: Quantum scars from Lie algebras and q-deformed Lie algebras. Physical Review Research, 2020, 2, .	3.6	61
9	Interaction-stabilized steady states in the driven $O(N)$ Physical Review B, 2016, 93, .	3.2	51
10	Slow thermalization of exact quantum many-body scar states under perturbations. Physical Review Research, 2020, 2, .	3.6	47
11	Thermal inclusions: how one spin can destroy a many-body localized phase. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160428.	3.4	46
12	Semiclassical limit for the many-body localization transition. Physical Review B, 2015, 92, .	3.2	38
13	Regional Versus Global Entanglement in Resonating-Valence-Bond States. Physical Review Letters, 2007, 99, 170502.	7.8	36
14	How Does a Locally Constrained Quantum System Localize?. Physical Review Letters, 2018, 121, 085701.	7.8	31
15	Exploring 2D Synthetic Quantum Hall Physics with a Quasiperiodically Driven Qubit. Physical Review Letters, 2020, 125, 160505.	7.8	30
16	Universal corner entanglement of Dirac fermions and gapless bosons from the continuum to the lattice. Physical Review B, 2016, 94, .	3.2	25
17	Kibble–Zurek scaling and string-net coarsening in topologically ordered systems. Journal of Physics Condensed Matter, 2013, 25, 404214.	1.8	24
18	Integrability and dark states in an anisotropic central spin model. Physical Review Research, 2020, 2, .	3.6	24

#	Article	IF	Citations
19	Nonadiabatic Topological Energy Pumps with Quasiperiodic Driving. Physical Review Letters, 2021, 126, 106805.	7.8	19
20	Persistent dark states in anisotropic central spin models. Scientific Reports, 2020, 10, 16080.	3.3	18
21	Emergent Coulombic criticality and Kibble-Zurek scaling in a topological magnet. Physical Review B, 2015, 92, .	3.2	15
22	Shortcuts to dynamic polarization. Physical Review B, 2021, 103, .	3.2	15
23	Many-body localization with quasiperiodic driving. Physical Review B, 2022, 105, .	3.2	15
24	Eigenstate thermalization and representative states on subsystems. Physical Review E, 2014, 90, 052133.	2.1	14
25	Boosting the Quantum State of a Cavity with Floquet Driving. Physical Review Letters, 2022, 128, 183602.	7.8	4