

Nilanjan Roy

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

106
citations

1651377

6
h-index

1762888

8
g-index

8
all docs

8
docs citations

8
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	Fraction of delocalized eigenstates in the long-range Aubry-Andr�-Harper model. Physical Review B, 2021, 103, .	1.1	19
2	Entanglement entropy and out-of-time-order correlator in the long-range Aubry-Andr�-Harper model. Journal of Physics Condensed Matter, 2021, 33, 334001.	0.7	7
3	Topological quantum phase transitions and criticality in a longer-range Kitaev chain. Physical Review B, 2021, 104, .	1.1	8
4	Dynamics of spectral correlations in the entanglement Hamiltonian of the Aubry-Andr�-Harper model. Physical Review B, 2021, 104, .	1.1	7
5	Quantum simulation of long-range XY quantum spin glass with strong area-law violation using trapped ions. Physical Review A, 2019, 99, .	1.0	15
6	Study of counterintuitive transport properties in the Aubry-Andr�-Harper model via entanglement entropy and persistent current. Physical Review B, 2019, 100, .	1.1	21
7	Entanglement contour perspective for ‘‘strong area-law violation’’ in a disordered long-range hopping model. Physical Review B, 2018, 97, .	1.1	25
8	A finite temperature study of ideal quantum gases in the presence of one dimensional quasi-periodic potential. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 053106.	0.9	4