Radhakrishnan Balu

List of Publications by Year
in descending order

19 papers	209 citations	1163117 8 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	185 citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum games: a review of the history, current state, and interpretation. Quantum Information Processing, 2018, 17, 1.	2.2	76
2	Quantum walks and Dirac cellular automata on a programmable trapped-ion quantum computer. Nature Communications, 2020, 11, 3720.	12.8	28
3	Bounds on the dynamics of periodic quantum walks and emergence of the gapless and gapped Dirac equation. Physical Review A, 2018, 97, .	2.5	18
4	Steady states of continuous-time open quantum walks. Quantum Information Processing, 2017, 16, 1.	2.2	13
5	Physical realization of topological quantum walks on IBM-Q and beyond. Quantum Science and Technology, 2018, 3, 035001.	5.8	12
6	Accelerated quantum walk, two-particle entanglement generation and localization. Journal of Physics Communications, 2019, 3, 055008.	1.2	12
7	Characterizing the Nash equilibria of a three-player Bayesian quantum game. Quantum Information Processing, 2017, 16, 1.	2.2	9
8	Quantum routing games. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 455304.	2.1	9
9	Probability distributions for Markov chain based quantum walks. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 035301.	2.1	8
10	Demonstration of a Bayesian quantum game on an ion-trap quantum computer. Quantum Science and Technology, 2018, 3, 045002.	5.8	6
11	Quantum circuits for the realization of equivalent forms of one-dimensional discrete-time quantum walks on near-term quantum hardware. Physical Review A, 2021, 104, .	2.5	5
12	Characterizing the Nash equilibria of three-player Bayesian quantum games. , 2017, , .		3
13	Quantum prisoners' dilemma under enhanced interrogation. Quantum Information Processing, 2018, 17, 1.	2.2	3
14	Propagation of correlations in local random quantum circuits. Quantum Information Processing, 2016, 15, 4613-4628.	2.2	2
15	Spectral decimation of a self-similar version of almost Mathieu-type operators. Journal of Mathematical Physics, 2022, 63, .	1.1	2
16	Kinematics and dynamics of quantum walks in terms of systems of imprimitivity. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 075301.	2.1	1
17	Equiangular quantum key distribution in more than two dimensions. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 075202.	2.1	1
18	Quantum walks on regular graphs with realizations in a system of anyons. Quantum Information Processing, 2022, 21, .	2.2	1

#	Article	IF	Citations
19	Topological quantum structures from association schemes. Quantum Information Processing, 2021, 20, 1.	2.2	0