

Radhakrishnan Balu

List of Publications by Year in descending order

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Version: 2024-02-01

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	Spectral decimation of a self-similar version of almost Mathieu-type operators. <i>Journal of Mathematical Physics</i> , 2022, 63, .	1.1	2
2	Quantum walks on regular graphs with realizations in a system of anyons. <i>Quantum Information Processing</i> , 2022, 21, .	2.2	1
3	Topological quantum structures from association schemes. <i>Quantum Information Processing</i> , 2021, 20, 1.	2.2	0
4	Quantum circuits for the realization of equivalent forms of one-dimensional discrete-time quantum walks on near-term quantum hardware. <i>Physical Review A</i> , 2021, 104, .	2.5	5
5	Quantum walks and Dirac cellular automata on a programmable trapped-ion quantum computer. <i>Nature Communications</i> , 2020, 11, 3720.	12.8	28
6	Accelerated quantum walk, two-particle entanglement generation and localization. <i>Journal of Physics Communications</i> , 2019, 3, 055008.	1.2	12
7	Kinematics and dynamics of quantum walks in terms of systems of imprimitivity. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 075301.	2.1	1
8	Equiangular quantum key distribution in more than two dimensions. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 075202.	2.1	1
9	Physical realization of topological quantum walks on IBM-Q and beyond. <i>Quantum Science and Technology</i> , 2018, 3, 035001.	5.8	12
10	Bounds on the dynamics of periodic quantum walks and emergence of the gapless and gapped Dirac equation. <i>Physical Review A</i> , 2018, 97, .	2.5	18
11	Probability distributions for Markov chain based quantum walks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 035301.	2.1	8
12	Quantum games: a review of the history, current state, and interpretation. <i>Quantum Information Processing</i> , 2018, 17, 1.	2.2	76
13	Quantum routing games. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 455304.	2.1	9
14	Demonstration of a Bayesian quantum game on an ion-trap quantum computer. <i>Quantum Science and Technology</i> , 2018, 3, 045002.	5.8	6
15	Quantum prisonersâ€™ dilemma under enhanced interrogation. <i>Quantum Information Processing</i> , 2018, 17, 1.	2.2	3
16	Characterizing the Nash equilibria of a three-player Bayesian quantum game. <i>Quantum Information Processing</i> , 2017, 16, 1.	2.2	9
17	Characterizing the Nash equilibria of three-player Bayesian quantum games. , 2017, , .		3
18	Steady states of continuous-time open quantum walks. <i>Quantum Information Processing</i> , 2017, 16, 1.	2.2	13

#	ARTICLE	IF	CITATIONS
19	Propagation of correlations in local random quantum circuits. Quantum Information Processing, 2016, 15, 4613-4628.	2.2	2