

Ali H Homid

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

146
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient quantum gates and algorithms in an engineered optical lattice. Scientific Reports, 2021, 11, 15402.	3.3	4
2	Rashba control to minimize circuit cost of quantum Fourier algorithm in ballistic nanowires. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 1247-1254.	2.1	8
3	Direct Observation of Dissipation in Dynamical Search Algorithm using Transmon Qubits. Annalen Der Physik, 2019, 531, 1900022.	2.4	0
4	Trace-norm correlation beyond entanglement in InAs nanowire system with spin-orbit interaction and external electric field. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 926.	2.1	9
5	Dynamical Controls for Improving Quantum Search Algorithm Through Flux Qubits System. Fortschritte Der Physik, 2018, 66, 1700080.	4.4	1
6	Cavity control as a new quantum algorithms implementation treatment. Frontiers of Physics, 2018, 13, 1.	5.0	12
7	Squeezing dynamics of a nanowire system with spin-orbit interaction. Scientific Reports, 2018, 8, 10484.	3.3	8
8	Dispersive reservoir influence on the superconducting phase qubit. International Journal of Quantum Information, 2015, 13, 1550056.	1.1	4
9	Efficient realization of quantum search algorithm using quantum annealing processor with dissipation. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 2025.	2.1	11
10	Efficient protocol of N -bit discrete quantum Fourier transform via transmon qubits coupled to a resonator. Quantum Information Processing, 2014, 13, 475-489.	2.2	32
11	A proposal for the realization of universal quantum gates via superconducting qubits inside a cavity. Annals of Physics, 2013, 334, 47-57.	2.8	16
12	Implementing discrete quantum Fourier transform via superconducting qubits coupled to a superconducting cavity. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1178.	2.1	32
13	Quantum logic gates generated by SC-charge qubits coupled to a resonator. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 485305.	2.1	8