

# Ali H Homid

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4534101/publications.pdf>

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