

Xiu-Hao Deng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7231535/publications.pdf>

Version: 2024-02-01

12
papers

136
citations

1163117

8
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	General solution to inhomogeneous dephasing and smooth pulse dynamical decoupling. <i>New Journal of Physics</i> , 2018, 20, 033011.	2.9	24
2	Fast high-fidelity entangling gates for spin qubits in Si double quantum dots. <i>Physical Review B</i> , 2019, 100, .	3.2	22
3	Robustness of error-suppressing entangling gates in cavity-coupled transmon qubits. <i>Physical Review B</i> , 2017, 96, .	3.2	20
4	Superconducting circuit simulator of Bose-Hubbard model with a flat band. <i>Physical Review B</i> , 2016, 93, .	3.2	14
5	Sitewise manipulations and Mott insulator-superfluid transition of interacting photons using superconducting circuit simulators. <i>Physical Review B</i> , 2015, 91, .	3.2	11
6	Parametric four-wave mixing toolbox for superconducting resonators. <i>Physical Review B</i> , 2012, 86, .	3.2	10
7	Suppressing Coherent Two-Qubit Errors via Dynamical Decoupling. <i>Physical Review Applied</i> , 2021, 16, .	3.8	9
8	Entanglement-enhanced quantum error-correcting codes. <i>Physical Review A</i> , 2009, 79, .	2.5	8
9	Floquet prethermal phase protected by U(1) symmetry on a superconducting quantum processor. <i>Physical Review A</i> , 2022, 105, .	2.5	8
10	Protecting superconducting qubits with a universal quantum degeneracy point. <i>Superconductor Science and Technology</i> , 2013, 26, 114002.	3.5	5
11	Optimizing quantum control pulses with complex constraints and few variables through autodifferentiation. <i>Physical Review A</i> , 2022, 105, .	2.5	5
12	Tunable quantum interference effects in Floquet two- and three-level systems. <i>Physical Review A</i> , 2022, 105, .	2.5	0