

Xiu-Hao Deng

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

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citations

1163117

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1281871

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12
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docs citations

12
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151
citing authors

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