

Fernando Calderon-Vargas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6175200/publications.pdf>

Version: 2024-02-01

12
papers

142
citations

1307594

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1199594

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g-index

12
all docs

12
docs citations

12
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamically Correcting a CNOT Gate for any Systematic Logical Error. Physical Review Letters, 2017, 118, 150502.	7.8	23
2	Fast high-fidelity entangling gates for spin qubits in Si double quantum dots. Physical Review B, 2019, 100, .	3.2	22
3	Directly accessible entangling gates for capacitively coupled singlet-triplet qubits. Physical Review B, 2015, 91, .	3.2	21
4	Noise-compensating pulses for electrostatically controlled silicon spin qubits. Physical Review B, 2014, 90, .	3.2	17
5	Negative exchange interactions in coupled few-electron quantum dots. Physical Review B, 2018, 97, .	3.2	15
6	Dynamically corrected gates from geometric space curves. Quantum Science and Technology, 2022, 7, 023001.	5.8	11
7	Microwave-based arbitrary cphase gates for transmon qubits. Physical Review B, 2020, 101, .	3.2	8
8	Entanglement dynamics of two Ising-coupled qubits with nonperpendicular local driving fields. Physical Review B, 2018, 97, .	3.2	6
9	Robust operating point for capacitively coupled singlet-triplet qubits. Physical Review B, 2017, 96, .	3.2	5
10	Fast noise-resistant control of donor nuclear spin qubits in silicon. Physical Review B, 2020, 101, .	3.2	5
11	Precise high-fidelity electron–nuclear spin entangling gates in NV centers via hybrid dynamical decoupling sequences. New Journal of Physics, 2020, 22, 073059.	2.9	5
12	Designing arbitrary single-axis rotations robust against perpendicular time-dependent noise. New Journal of Physics, 2021, 23, 093032.	2.9	4