

Fernando Calderon-Vargas

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

142
citations

1307594

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h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

148
citing authors

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