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List of Publications by Year in descending order

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18
papers

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citations

840776

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839539

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326
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent control techniques for two-state quantum systems: A comparative study. <i>Physical Review A</i> , 2021, 103, .	2.5	14
2	Narrowband and passband composite pulses for variable rotations. <i>Physical Review A</i> , 2020, 102, .	2.5	12
3	Efficient and robust chiral resolution by composite pulses. <i>Physical Review A</i> , 2020, 101, .	2.5	20
4	High-fidelity composite quantum gates for Raman qubits. <i>Physical Review Research</i> , 2020, 2, .	3.6	11
5	Chiral resolution by composite Raman pulses. <i>Physical Review Research</i> , 2020, 2, .	3.6	22
6	Composite pulses with errant phases. <i>Physical Review A</i> , 2019, 100, .	2.5	11
7	Arbitrarily accurate variable rotations on the Bloch sphere by composite pulse sequences. <i>Physical Review A</i> , 2019, 99, .	2.5	19
8	Robust high-fidelity coherent control of two-state systems by detuning pulses. <i>Physical Review A</i> , 2019, 99, .	2.5	10
9	Arbitrarily accurate twin composite π -pulse sequences. <i>Physical Review A</i> , 2018, 97, .	2.5	12
10	Pseudo-Hermitian Landau-Zener-Stückelberg-Majorana model. <i>Physical Review A</i> , 2017, 96, .	2.5	20
11	Mixed Rabi Jaynes-Cummings model of a three-level atom interacting with two quantized fields. <i>Optics Communications</i> , 2015, 346, 110-114.	2.1	8
12	High-fidelity error-resilient composite phase gates. <i>Physical Review A</i> , 2014, 90, .	2.5	23
13	Composite stimulated Raman adiabatic passage. <i>Physical Review A</i> , 2013, 87, .	2.5	46
14	Adiabatic elimination of a nearly resonant quantum state. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 135502.	1.5	11
15	High-Fidelity Adiabatic Passage by Composite Sequences of Chirped Pulses. <i>Physical Review Letters</i> , 2011, 106, 233001.	7.8	141
16	Smooth composite pulses for high-fidelity quantum information processing. <i>Physical Review A</i> , 2011, 83, .	2.5	90
17	Design of quantum Fourier transforms and quantum algorithms by using circulant Hamiltonians. <i>Physical Review A</i> , 2009, 80, .	2.5	6
18	Phase shifts in nonresonant coherent excitation. <i>Physical Review A</i> , 2009, 79, .	2.5	8