

Boyan T Torosov

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

484
citations

840776

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839539

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all docs

18
docs citations

18
times ranked

326
citing authors

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