

Berihu Teklu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

250
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian estimation of one-parameter qubit gates. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 035502.	1.5	49
2	Quantum phase communication channels in the presence of static and dynamical phase diffusion. <i>Physical Review A</i> , 2015, 92, .	2.5	25
3	Phase estimation in the presence of phase diffusion: the qubit case. <i>Physica Scripta</i> , 2010, T140, 014062.	2.5	22
4	Quantum phase communication channels assisted by non-deterministic noiseless amplifiers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 2938.	2.1	21
5	Nonlinearity and nonclassicality in a nanomechanical resonator. <i>EPJ Quantum Technology</i> , 2015, 2, .	6.3	20
6	Cavity-induced mirror-mirror entanglement in a single-atom Raman laser. <i>Physical Review A</i> , 2018, 97, .	2.5	18
7	Parametric oscillation with the cavity mode driven by coherent light and coupled to a squeezed vacuum reservoir. <i>Optics Communications</i> , 2006, 261, 310-321.	2.1	17
8	Quantifying the nonlinearity of a quantum oscillator. <i>Physical Review A</i> , 2014, 90, .	2.5	14
9	Spin-dependent Klein tunneling in polariton graphene with photonic spin-orbit interaction. <i>Physical Review B</i> , 2016, 93, .	3.2	13
10	Quantum Probes for the Characterization of Nonlinear Media. <i>Entropy</i> , 2021, 23, 1353.	2.2	13
11	Continuous-variable entanglement dynamics in Lorentzian environment. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2022, 432, 128022.	2.1	13
12	Preferences in quantum games. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126299.	2.1	11
13	Noisy quantum phase communication channels. <i>Physica Scripta</i> , 2015, 90, 074027.	2.5	8
14	Non-equilibrium condensation in periodic polariton lattices. <i>Superlattices and Microstructures</i> , 2016, 100, 1-8.	3.1	4
15	Partitions of correlated N-qubit systems. <i>Quantum Information Processing</i> , 2021, 20, 1.	2.2	2