

Yi Xie

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

96
citations

1684188
5
h-index

1372567
10
g-index

11
all docs

11
docs citations

11
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of $\langle \text{PT} \rangle$ -symmetric quantum coherence in a single-ion system. Physical Review A, 2021, 103, .	2.5	42
2	Scheme and experimental demonstration of fully atomic weak-value amplification. Physical Review A, 2019, 100, .	2.5	18
3	Optimization of parameters of a surface-electrode ion trap and experimental study of influences of surface on ion lifetime. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	5.1	8
4	Realizing three-step photoionization of calcium by two lasers. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	6
5	Realizing an adiabatic quantum search algorithm with shortcuts to adiabaticity in an ion-trap system. Physical Review A, 2018, 98, .	2.5	5
6	Discrimination and estimation for dephasing sources of trapped ion qubits. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	5
7	Estimation of the Laser Frequency Noise Spectrum by Continuous Dynamical Decoupling. Physical Review Applied, 2021, 15, .	3.8	5
8	Effects of imperfect pulses on dynamical decoupling using quantum trajectory method. Chinese Physics B, 2018, 27, 120303.	1.4	4
9	Quantum Zeno effect by incomplete measurements. Quantum Information Processing, 2019, 18, 1.	2.2	2
10	Controlling the rf phase error induced micromotion in Paul trap. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	1
11	Investigation of the effect of quantum measurement on parity-time symmetry. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	0