

Baoquan Ou

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

250
citations

1163117

8
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental remote preparation of arbitrary photon polarization states. Physical Review A, 2007, 76, . Hertz-level measurement of the $\langle \text{mml:msup} \langle \text{mml:mrow} / \rangle \langle \text{mml:mn} \rangle 40 \langle / \text{mml:mn} \rangle \langle / \text{mml:msup} \rangle \langle / \text{mml:math} \rangle \text{Ca} \langle \text{mml:math} \text{xmlns:mml} = \text{"http://www.w3.org/1998/Math/MathML"} \text{ display} = \text{"inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mo} \rangle + \langle / \text{mml:mo} \rangle \langle / \text{mml:msup} \rangle \langle / \text{mml:math} \rangle \langle \text{mml:math} \text{xmlns:mml} = \text{"http://www.w3.org/1998/Math/MathML"} \text{ display} = \text{"inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 4 \langle / \text{mml:mn} \rangle$	2.5	76
2	Evaluation of the systematic shifts of a single- $^{40}\text{Ca}^{+}$ ion frequency standard. Physical Review A, 2011, 84, .	2.5	55
3	Remote state preparation with classically correlated state. Optics Communications, 2008, 281, 1751-1754.	2.1	16
5	Coherence induced by incoherent pumping field and decay process in three-level $\hat{\Gamma}$ type atomic system. Optics Communications, 2008, 281, 4940-4945.	2.1	16
6	Quantum coherence effects in a four-level diamond-shape atomic system. Optics Communications, 2009, 282, 2870-2877.	2.1	12
7	Frequency Measurement of the Electric Quadrupole Transition in a Single Laser-Cooled $^{40}\text{Ca}^{+}$. Chinese Physics Letters, 2011, 28, 013201.	3.3	10
8	Creating equally spaced linear ion string in a surface-electrode trap by feedback control. Physical Review A, 2017, 95, .	2.5	9
9	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
10	Effects of spontaneously generated coherence on the resonance fluorescence spectrum of a laser-driven four-level diamond-shape atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 205503.	1.5	7
11	Quantum simulating the frustrated Heisenberg model in a molecular dipolar crystal. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2569-2576.	2.1	5
12	Versatile surface ion trap with fork junction for effective cooling. Physica Scripta, 2020, 95, 045103.	2.5	3
13	Publisher's Note: Evaluation of the systematic shifts of a single-$^{40}\text{Ca}^{+}$ ion frequency standard [Phys. Rev. A 84 (2011)]. Physical Review A, 2012, 85, 053841 (2011).	2.5	2
14	Controlling the rf phase error induced micromotion in Paul trap. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	1
15	Coherent effects in a three-photon CPT process of Ca^{+} . Frontiers of Physics, 2011, 6, 258-261.	5.0	0
16	Enhancement of electromagnetically induced transparency cooling by an optical cavity. Chinese Physics B, 2014, 23, 113701.	1.4	0
17	Energy-level structure of ion cloud and crystal in a linear Paul trap. New Journal of Physics, 2014, 16, 083041.	2.9	0