

# Baoquan Ou

## List of Publications by Year in descending order

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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	Versatile surface ion trap with fork junction for effective cooling. <i>Physica Scripta</i> , 2020, 95, 045103.	2.5	3
2	Controlling the rf phase error induced micromotion in Paul trap. <i>Applied Physics B: Lasers and Optics</i> , 2020, 126, 1.	2.2	1
3	Creating equally spaced linear ion string in a surface-electrode trap by feedback control. <i>Physical Review A</i> , 2017, 95, .	2.5	9
4	Optimization of parameters of a surface-electrode ion trap and experimental study of influences of surface on ion lifetime. <i>Science China: Physics, Mechanics and Astronomy</i> , 2016, 59, 1.	5.1	8
5	Quantum simulating the frustrated Heisenberg model in a molecular dipolar crystal. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015, 379, 2569-2576.	2.1	5
6	Enhancement of electromagnetically induced transparency cooling by an optical cavity. <i>Chinese Physics B</i> , 2014, 23, 113701.	1.4	0
7	Energy-level structure of ion cloud and crystal in a linear Paul trap. <i>New Journal of Physics</i> , 2014, 16, 083041.	2.9	0
8	Hertz-level measurement of the $^{40}\text{Ca}^+$ ion frequency standard [Phys. Rev. A <b>84</b> , 053841 (2011)]. <i>Physical Review A</i> , 2012, 85, .	2.5	55
9	Coherent effects in a three-photon CPT process of $\text{Ca}^+$ . <i>Frontiers of Physics</i> , 2011, 6, 258-261.	2.5	2
10	Evaluation of the systematic shifts of a single- $^{40}\text{Ca}^+$ ion frequency standard. <i>Physical Review A</i> , 2011, 84, .	5.0	0
11	Frequency Measurement of the Electric Quadrupole Transition in a Single Laser-Cooled $^{40}\text{Ca}^+$ . <i>Chinese Physics Letters</i> , 2011, 28, 013201.	2.5	30
12	Quantum coherence effects in a four-level diamond-shape atomic system. <i>Optics Communications</i> , 2009, 282, 2870-2877.	3.3	10
13	Effects of spontaneously generated coherence on the resonance fluorescence spectrum of a laser-driven four-level diamond-shape atomic system. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 205503.	2.1	12
14	Remote state preparation with classically correlated state. <i>Optics Communications</i> , 2008, 281, 1751-1754.	1.5	7
15	Coherence induced by incoherent pumping field and decay process in three-level $\hat{\Lambda}$ type atomic system. <i>Optics Communications</i> , 2008, 281, 4940-4945.	2.1	16
16	Experimental remote preparation of arbitrary photon polarization states. <i>Physical Review A</i> , 2007, 76, .	2.1	16
17	Experimental remote preparation of arbitrary photon polarization states. <i>Physical Review A</i> , 2007, 76, .	2.5	76