

# Hongwei

## List of Publications by Year in descending order

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19  
papers

183  
citations

1478505

6  
h-index

1125743

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hidden vortices in a Bose-Einstein condensate in a rotating double-well potential. Physical Review A, 2010, 82, .	2.5	55
2	Ultracold Two-Component Fermionic Gases with a Magnetic Field Gradient Near a Feshbach Resonance. Physical Review Letters, 2005, 95, 120401.	7.8	52
3	Josephson effect and quantum merging of two Bose superfluids. Physical Review B, 2006, 73, .	3.2	11
4	Order parameter and Josephson effect of nonuniform molecular Bose-Einstein condensates. Physical Review A, 2006, 74, .	2.5	10
5	Stability of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">p \rangle$ -orbital Bose-Einstein condensates in optical checkerboard and square lattices. Physical Review A, 2013, 87, .	2.5	9
6	Atomic quantum corrals for Bose-Einstein condensates. Physical Review A, 2010, 82, .	2.5	8
7	Path integral molecular dynamics simulations for Green's function in a system of identical bosons. Journal of Chemical Physics, 2022, 156, 134112.	3.0	6
8	Numerical calculation of Green's function and momentum distribution for spin-polarized fermions by path integral molecular dynamics. Journal of Chemical Physics, 0, , .	3.0	6
9	Time-normalized correlation function of ultracold atomic gas released from an optical lattice. Physical Review A, 2007, 76, .	2.5	5
10	Anomalous particle-number fluctuations in a three-dimensional interacting Bose-Einstein condensate. Physical Review A, 2003, 68, .	2.5	4
11	Density-density correlation of incoherent atoms with angular momentum released from an optical lattice. Physical Review A, 2008, 77, .	2.5	4
12	Path integral and winding number in singular magnetic field. European Physical Journal Plus, 2022, 137, .	2.6	4
13	Path integral molecular dynamics for thermodynamics and Green's function of ultracold spinor bosons. Journal of Chemical Physics, 0, , .	3.0	4
14	Phase transition to Bose-Einstein condensation for a bosonic gas confined in a combined trap. Physical Review A, 2010, 82, .	2.5	2
15	Measurement of phase fluctuations of Bose-Einstein condensates in an optical lattice. Physical Review A, 2012, 86, .	2.5	2
16	Repulsive gravitational effect of a quantum wave packet and experimental scheme with superfluid helium. Frontiers of Physics, 2015, 10, 1-9.	5.0	1
17	Finite-temperature Effect in Phase Transition to Superfluidity for Bose-Einstein Condensates in a 1-D Optical Lattice. Journal of Superconductivity and Novel Magnetism, 2010, 23, 689-691.	1.8	0
18	Interference effect of critical ultra-cold atomic Bose gases. European Physical Journal Plus, 2016, 131, 1.	2.6	0

#	ARTICLE	IF	CITATIONS
19	An Analytical Approach to the Universal Wave Function and Its Gravitational Effect. Symmetry, 2021, 13, 193.	2.2	0