

Jia-Zhong Hu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3802246/publications.pdf>

Version: 2024-02-01

19
papers

646
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

856
citing authors

#	ARTICLE	IF	CITATIONS
1	Entanglement with negative Wigner function of almost 3,000 atoms heralded by one photon. Nature, 2015, 519, 439-442.	27.8	170
2	Quantum simulation of Unruh radiation. Nature Physics, 2019, 15, 785-789.	16.7	91
3	Creation of a Bose-condensed gas of ^{87}Rb by laser cooling. Science, 2017, 358, 1078-1080.	12.6	67
4	Carving Complex Many-Atom Entangled States by Single-Photon Detection. Physical Review Letters, 2015, 115, 250502.	7.8	55
5	Reexamination of the decoy-state quantum key distribution with an unstable source. Physical Review A, 2010, 82, .	2.5	35
6	Pattern formation in a driven Bose-Einstein condensate. Nature Physics, 2020, 16, 652-656.	16.7	34
7	Vacuum spin squeezing. Physical Review A, 2017, 96, .	2.5	31
8	Entangled collective-spin states of atomic ensembles under nonuniform atom-light interaction. Physical Review A, 2015, 92, .	2.5	29
9	Density Waves and Jet Emission Asymmetry in Bose Fireworks. Physical Review Letters, 2018, 121, 243001.	7.8	28
10	Generating entangled spin states for quantum metrology by single-photon detection. Physical Review A, 2013, 88, .	2.5	25
11	Correlations in high-harmonic generation of matter-wave jets revealed by pattern recognition. Science, 2019, 363, 521-524.	12.6	25
12	Efficient tomography of quantum-optical Gaussian processes probed with a few coherent states. Physical Review A, 2013, 88, .	2.5	12
13	Observation of Many-Body Quantum Phase Transitions beyond the Kibble-Zurek Mechanism. Physical Review Letters, 2021, 127, 200601.	7.8	12
14	Creation of Greenberger-Horne-Zeilinger states with thousands of atoms by entanglement amplification. Npj Quantum Information, 2021, 7, .	6.7	11
15	Hybrid evaporative cooling of ^{133}Cs atoms to Bose-Einstein condensation. Optics Express, 2021, 29, 13960.	3.4	10
16	Protecting two-qubit quantum states by π -phase pulses. Physical Review A, 2010, 82, .	2.5	7
17	Entanglement with negative Wigner function of three thousand atoms heralded by one photon. Journal of Physics: Conference Series, 2016, 723, 012054.	0.4	2
18	Entanglement-distribution maximization over one-sided Gaussian noisy channels. Physical Review A, 2010, 82, .	2.5	1

#	ARTICLE	IF	CITATIONS
19	Strictly nonclassical behavior of a mesoscopic system. Physical Review A, 2017, 95, .	2.5	1