

Yun Li

List of Publications by Year in descending order

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24
papers

2,059
citations

471509

17
h-index

526287

27
g-index

54
all docs

54
docs citations

54
times ranked

1410
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum depletion and superfluid density of a supersolid in Raman spin-orbit-coupled Bose gases. <i>Physical Review A</i> , 2018, 98, .	2.5	23
2	Roll up your sleeves. <i>Nature Physics</i> , 2018, 14, 534-534.	16.7	8
3	Be no exception. <i>Nature Physics</i> , 2018, 14, 1071-1071.	16.7	0
4	SPIN-ORBIT-COUPLED BOSE-EINSTEIN CONDENSATES. <i>Annual Review of Cold Atoms and Molecules</i> , 2015, , 201-250.	2.8	21
5	Collective modes of a harmonically trapped one-dimensional Bose gas: The effects of finite particle number and nonzero temperature. <i>Physical Review A</i> , 2015, 91, .	2.5	19
6	Berry curvature of interacting bosons in a honeycomb lattice. <i>Physical Review A</i> , 2015, 92, .	2.5	11
7	Stable Dilute Supersolid of Two-Dimensional Dipolar Bosons. <i>Physical Review Letters</i> , 2015, 115, 075303.	7.8	92
8	Approach for making visible and stable stripes in a spin-orbit-coupled Bose-Einstein superfluid. <i>Physical Review A</i> , 2014, 90, .	2.5	54
9	Superstripes and the Excitation Spectrum of a Spin-Orbit-Coupled Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2013, 110, 235302.	7.8	178
10	Sum rules, dipole oscillation and spin polarizability of a spin-orbit coupled quantum gas. <i>Europhysics Letters</i> , 2012, 99, 56008.	2.0	58
11	Anisotropic dynamics of a spin-orbit-coupled Bose-Einstein condensate. <i>Physical Review A</i> , 2012, 86, .	2.5	125
12	Quantum Tricriticality and Phase Transitions in Spin-Orbit Coupled Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2012, 108, 225301.	7.8	345
13	Universal contact and collective excitations of a strongly interacting Fermi gas. <i>Physical Review A</i> , 2011, 84, .	2.5	6
14	Limit of Spin Squeezing in Finite-Temperature Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2011, 107, 060404.	7.8	30
15	Atom-chip-based generation of entanglement for quantum metrology. <i>Nature</i> , 2010, 464, 1170-1173.	27.8	690
16	Particle number fluctuations in a cloven trapped Bose gas at finite temperature. <i>Physical Review A</i> , 2010, 81, .	2.5	11
17	Enhanced and Reduced Atom Number Fluctuations in a BEC Splitter. <i>Physical Review Letters</i> , 2010, 105, 080403.	7.8	73
18	Spin squeezing in a bimodal condensate: spatial dynamics and particle losses. <i>European Physical Journal B</i> , 2009, 68, 365-381.	1.5	82

#	ARTICLE	IF	CITATIONS
19	Quantum random walks in a coherent atomic system via electromagnetically induced transparency. Journal of the Optical Society of America B: Optical Physics, 2008, 25, C39.	2.1	2
20	Optimum Spin Squeezing in Bose-Einstein Condensates with Particle Losses. Physical Review Letters, 2008, 100, 210401.	7.8	117
21	Gate imperfection in the quantum random-walk search algorithm. Journal of Physics A, 2006, 39, 9309-9319.	1.6	4
22	Three-way entanglement and three-qubit phase gate based on a coherent six-level atomic system. Physical Review A, 2006, 74, .	2.5	51
23	Controllable entanglement of lights in a five-level system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 354, 1-7.	2.1	34
24	Multiplayer quantum games with continuous-variable strategies. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 339, 10-17.	2.1	18