

Li You

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4272263/publications.pdf>

Version: 2024-02-01

40
papers

1,431
citations

471509

17
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

1279
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent spinor dynamics in a spin-1 Bose-Einstein condensate. Nature Physics, 2005, 1, 111-116.	16.7	338
2	Deterministic entanglement generation from driving through quantum phase transitions. Science, 2017, 355, 620-623.	12.6	186
3	Anti-symmetry in dissipatively coupled optical systems. Physical Review A, 2017, 96, .	2.5	123
4	Creating Massive Entanglement of Bose-Einstein Condensed Atoms. Physical Review Letters, 2001, 87, 170402.	7.8	103
5	Atomic spin-orbit coupling synthesized with magnetic-field-gradient pulses. Physical Review A, 2013, 87, .	2.5	99
6	Beating the classical precision limit with spin-1 Dicke states of more than 10,000 atoms. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6381-6385.	7.1	94
7	Collision-Induced Broadband Optical Nonreciprocity. Physical Review Letters, 2020, 125, 123901.	7.8	58
8	INFORMATION CONSERVATION IS FUNDAMENTAL: RECOVERING THE LOST INFORMATION IN HAWKING RADIATION. International Journal of Modern Physics D, 2013, 22, 1341014.	2.1	42
9	Intracavity Squeezed Optomechanical Cooling. Laser and Photonics Reviews, 2019, 13, 1900120.	8.7	37
10	Flux Dirac Bosons and Topological Edge Excitations in a Bosonic Chiral p -Wave Superfluid. Physical Review Letters, 2016, 117, 085301.	7.8	33
11	Observation of Broad d -Wave Feshbach Resonances with a Triplet Structure. Physical Review Letters, 2017, 119, 203402.	7.8	33
12	Faster State Preparation across Quantum Phase Transition Assisted by Reinforcement Learning. Physical Review Letters, 2021, 126, 060401.	7.8	28
13	Universal driven critical dynamics across a quantum phase transition in ferromagnetic spinor atomic Bose-Einstein condensates. Physical Review A, 2018, 98, .	2.5	25
14	Ultracold collisions in the presence of synthetic spin-orbit coupling. Physical Review A, 2013, 87, .	2.5	22
15	Observation of broad p -wave Feshbach resonances in ultracold Rb . Physical Review Letters, 2015, 115, 085301.	2.5	20
16	Nonlinear interferometry beyond classical limit enabled by cyclic dynamics. Nature Physics, 2022, 18, 167-171.	16.7	20
17	Multichannel quantum-defect theory for ion-atom interactions. Physical Review A, 2014, 89, .	2.5	17
18	Refining molecular potentials using atom interferometry. Physical Review A, 1997, 55, R3311-R3314.	2.5	14

#	ARTICLE	IF	CITATIONS
19	Broad Feshbach resonances in ultracold alkali-metal systems. <i>Physical Review A</i> , 2018, 98, .	2.5	14
20	Quantum Transport of Rydberg Excitons with Synthetic Spin-Exchange Interactions. <i>Physical Review Letters</i> , 2019, 123, 063001.	7.8	14
21	Towards experimentally testing the paradox of black hole information loss. <i>Physical Review D</i> , 2013, 87, .	4.7	12
22	Extreme spin squeezing from deep reinforcement learning. <i>Physical Review A</i> , 2019, 100, .	2.5	12
23	An interpretation for the entropy of a black hole. <i>General Relativity and Gravitation</i> , 2011, 43, 797-804.	2.0	9
24	Dynamical Generation of Topological Magnetic Lattices for Ultracold Atoms. <i>Physical Review Letters</i> , 2016, 116, 143003.	7.8	9
25	Enhancing test precision for local Lorentz-symmetry violation with entanglement. <i>Physical Review A</i> , 2019, 99, .	2.5	8
26	Atom-Photon Spin-Exchange Collisions Mediated by Rydberg Dressing. <i>Physical Review Letters</i> , 2020, 125, 143601.	7.8	7
27	Double-degenerate Bose-Fermi mixture of strontium and lithium. <i>Physical Review A</i> , 2020, 102, .	2.5	7
28	Multi-parameter estimation with multi-mode Ramsey interferometry. <i>New Journal of Physics</i> , 2020, 22, 043005.	2.9	7
29	Uniaxial Dynamical Decoupling for an Open Quantum System. <i>Physical Review Letters</i> , 2019, 122, 010408.	7.8	6
30	Two-color optical nonlinearity in an ultracold Rydberg atom gas mixture. <i>Physical Review A</i> , 2021, 103, .	2.5	6
31	Magnetic solitons in an immiscible two-component Bose-Einstein condensate. <i>Physical Review A</i> , 2022, 105, .	2.5	6
32	Optimal phase sensitivity of atomic Ramsey interferometers with coherent spin states. <i>Frontiers of Physics</i> , 2011, 6, 251-257.	5.0	5
33	Resonant spin exchange between heteronuclear atoms assisted by periodic driving. <i>Physical Review A</i> , 2018, 98, .	2.5	5
34	Manipulating photonic quantum states with long-range interactions. <i>Physical Review A</i> , 2019, 99, .	2.5	4
35	High-resolution imaging of Rydberg atoms in optical lattices using an aspheric-lens objective in vacuum. <i>Review of Scientific Instruments</i> , 2020, 91, 063202.	1.3	4
36	Correlation, entropy, and information transfer in black hole radiation. <i>Science Bulletin</i> , 2014, 59, 1057-1065.	1.7	3

#	ARTICLE	IF	CITATIONS
37	Observing second sound in ultracold Fermi gases. National Science Review, 2014, 1, 2-3.	9.5	1
38	Generating topological optical flux lattices for ultracold atoms by modulated Raman and radio-frequency couplings. Physical Review A, 2017, 95, .	2.5	0
39	Productions of Many Atom Entangled States and Their Interferometric Applications. , 2018, , .		0
40	Quantum Phases of Time Order in Many-Body Ground States. Frontiers in Physics, 2022, 10, .	2.1	0