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List of Publications by Year
in descending order

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35 papers	1,068 citations	394421 19 h-index	395702 33 g-index
36 all docs	36 docs citations	36 times ranked	804 citing authors

#	Article	IF	Citations
1	Measurement-feedback control of the chiral photon emission from an atom chain into a nanofiber. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1470.	2.1	1
2	Dynamical Phases and Quantum Correlations in an Emitter-Waveguide System with Feedback. Physical Review Letters, 2021, 127, 133601.	7.8	21
3	Bragg condition for scattering into a guided optical mode. Physical Review A, 2021, 104, .	2.5	2
4	Interaction signatures and non-Gaussian photon states from a strongly driven atomic ensemble coupled to a nanophotonic waveguide. Physical Review A, 2020, 102, .	2.5	8
5	Collectively Enhanced Chiral Photon Emission from an Atomic Array near a Nanofiber. Physical Review Letters, 2020, 124, 093601.	7.8	35
6	Dressed dense atomic gases. Physical Review A, 2019, 100, .	2.5	3
7	Subradiance-protected excitation transport. New Journal of Physics, 2019, 21, 073061.	2.9	49
8	Dynamical creation and detection of entangled many-body states in a chiral atom chain. New Journal of Physics, 2019, 21, 113021.	2.9	16
9	Modified dipole-dipole interaction and dissipation in an atomic ensemble near surfaces. Physical Review A, 2018, 97, .	2.5	16
10	Substrate-induced shifts and screening in the fluorescence spectra of supramolecular adsorbed organic monolayers. Journal of Chemical Physics, 2018, 149, 054701.	3.0	22
11	Far-field resonance fluorescence from a dipole-interacting laser-driven cold atomic gas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 014004.	1.5	18
12	Topological properties of a dense atomic lattice gas. Physical Review A, 2017, 96, .	2.5	81
13	Radiation trapping in a dense cold Rydberg gas. Physical Review A, 2017, 95, .	2.5	7
14	Non-equilibrium universality in the dynamics of dissipative cold atomic gases. New Journal of Physics, 2015, 17, 072003.	2.9	34
15	Steady-state properties of a driven atomic ensemble with nonlocal dissipation. Physical Review A, 2014, 89, .	2.5	23
16	Out-of-equilibrium evolution of kinetically constrained many-body quantum systems under purely dissipative dynamics. Physical Review E, 2014, 90, 042147.	2.1	19
17	Effective dynamics of strongly dissipative Rydberg gases. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 482001.	2.1	32
18	Long-Range Interacting Many-Body Systems with Alkaline-Earth-Metal Atoms. Physical Review Letters, 2013, 110, 143602.	7.8	95

#	Article	IF	Citations
19	Control of atomic Rydberg states using guided electrons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 245502.	1.5	3
20	Universal time evolution of a Rydberg lattice gas with perfect blockade. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 325301.	2.1	9
21	Dynamical phases and intermittency of the dissipative quantum Ising model. Physical Review A, 2012, 85, .	2.5	133
22	Dissipative Binding of Lattice Bosons through Distance-Selective Pair Loss. Physical Review Letters, 2012, 109, 233003.	7.8	33
23	Facilitated Spin Models of Dissipative Quantum Glasses. Physical Review Letters, 2012, 109, 020403.	7.8	50
24	Rydberg rings. Physical Chemistry Chemical Physics, 2011, 13, 4208.	2.8	5
25	Creation of collective many-body states and single photons from two-dimensional Rydberg lattice gases. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 184017.	1.5	7
26	Amplifying single impurities immersed in a gas of ultracold atoms. Physical Review A, 2011, 84, .	2.5	66
27	Collective photon emission from symmetric states created with Rydberg atoms on a ring lattice. Physical Review A, 2010, 82, .	2.5	22
28	Creating collective many-body states with highly excited atoms. Physical Review A, 2010, 81, .	2.5	18
29	Thermalization of a strongly interacting 1D Rydberg lattice gas. New Journal of Physics, 2010, 12, 013024.	2.9	29
30	Thermalization in a Coherently Driven Ensemble of Two-Level Systems. Physical Review Letters, 2010, 105, 100603.	7.8	36
31	Collective Rydberg excitations of an atomic gas confined in a ring lattice. Physical Review A, 2009, 79, .	2.5	33
32	Fermionic Collective Excitations in a Lattice Gas of Rydberg Atoms. Physical Review Letters, 2009, 103, 185302.	7.8	53
33	Parameter-based Fisher's information of orthogonal polynomials. Journal of Computational and Applied Mathematics, 2008, 214, 136-147.	2.0	4
34	Fisher information of D-dimensional hydrogenic systems in position and momentum spaces. Journal of Mathematical Physics, 2006, 47, 052104.	1.1	52
35	Information measures of hydrogenic systems, Laguerre polynomials and spherical harmonics. Journal of Computational and Applied Mathematics, 2005, 179, 185-194.	2.0	33