

Nanophotonic quantum phase switch with a single atom

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Carrier-free Raman manipulation of trapped neutral atoms. <i>New Journal of Physics</i> , 2014, 16, 113042.	1.2	8
3	Saturated absorption at nanowatt power levels using metastable xenon in a high-finesse optical cavity. <i>Optics Express</i> , 2014, 22, 22882.	1.7	5
4	Integrated nonlinear photonics: emerging applications and ongoing challenges [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 3193.	0.9	39
5	Minimal ancilla mediated quantum computation. <i>EPJ Quantum Technology</i> , 2014, 1, .	2.9	3
6	Experimental realization of a dynamic squeezing gate. <i>Physical Review A</i> , 2014, 90, .	1.0	38
7	Controllable optical bistability of an asymmetric cavity containing a single two-level atom. <i>Physical Review A</i> , 2014, 90, .	1.0	24
8	Angular correlation and entanglement between a spin-polarization-resolved photoelectron and a polarization-resolved fluorescent photon. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 165201.	0.6	1
9	Entanglement distillation for quantum communication network with atomic-ensemble memories. <i>Optics Express</i> , 2014, 22, 23897.	1.7	27
10	A strong hybrid couple. <i>Nature</i> , 2014, 508, 195-196.	13.7	8
11	Microtoroidal cavity QED with fiber overcoupling and strong atom-field coupling: A single-atom quantum switch for coherent light fields. <i>Physical Review A</i> , 2014, 90, .	1.0	16
12	Nonlinear π phase shift for single fibre-guided photons interacting with a single resonator-enhanced atom. <i>Nature Photonics</i> , 2014, 8, 965-970.	15.6	116
13	Near-Unity Coupling Efficiency of a Quantum Emitter to a Photonic Crystal Waveguide. <i>Physical Review Letters</i> , 2014, 113, 093603.	2.9	449
14	Indistinguishable Photons from Separated Silicon-Vacancy Centers in Diamond. <i>Physical Review Letters</i> , 2014, 113, 113602.	2.9	333
15	All-optical routing of single photons by a one-atom switch controlled by a single photon. <i>Science</i> , 2014, 345, 903-906.	6.0	351
16	Quantum systems under control. <i>Science</i> , 2014, 345, 272-273.	6.0	6
17	Quantum nonlinear optics "photon by photon". <i>Nature Photonics</i> , 2014, 8, 685-694.	15.6	539
18	Cross Modulation of Two Laser Beams at the Individual-Photon Level. <i>Physical Review Letters</i> , 2014, 113, 113603.	2.9	8
19	Single-photon transistor based on superconducting systems. <i>Physical Review B</i> , 2014, 89, .	1.1	20

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20	A photon steers a photon with an atom. <i>Science</i> , 2014, 345, 871-871.	6.0	2
21	A quantum switch routes photons one by one. <i>Physics Today</i> , 2014, 67, 15-16.	0.3	0
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23	Enhanced nonlinear optics in coupled optical microcavities with an unbroken and broken parity-time symmetry. <i>Physical Review A</i> , 2015, 92, .	1.0	28
24	Low-power cross-phase modulation in a metastable xenon-filled cavity for quantum-information applications. <i>Physical Review A</i> , 2015, 92, .	1.0	8
25	Multiphoton-scattering theory and generalized master equations. <i>Physical Review A</i> , 2015, 92, .	1.0	137
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27	Extended linear regime of cavity-QED enhanced optical circular birefringence induced by a charged quantum dot. <i>Physical Review B</i> , 2015, 91, .	1.1	28
28	Strong Coupling between a Trapped Single Atom and an All-Fiber Cavity. <i>Physical Review Letters</i> , 2015, 115, 093603.	2.9	107
29	Deterministic Generation of Arbitrary Photonic States Assisted by Dissipation. <i>Physical Review Letters</i> , 2015, 115, 163603.	2.9	93
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35	Experimental demonstration of a quantum router. <i>Scientific Reports</i> , 2015, 5, 12452.	1.6	38
36	Universal remote quantum computation assisted by the cavity input-output process. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20150274.	1.0	6
37	Heralded Quantum Gates with Integrated Error Detection in Optical Cavities. <i>Physical Review Letters</i> , 2015, 114, 110502.	2.9	41

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