

Quantum information processing and communication

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Direct Measurement of Decoherence for Entanglement between a Photon and Stored Atomic Excitation. <i>Physical Review Letters</i> , 2006, 97, 113603.	2.9	76
2	Conditional control of the quantum states of remote atomic memories for quantum networking. <i>Nature Physics</i> , 2006, 2, 844-848.	6.5	85
3	Driven coherent oscillations of a single electron spin in a quantum dot. <i>Nature</i> , 2006, 442, 766-771.	13.7	1,207
4	Influence of inter-dot Coulomb repulsion and exchange interactions on conductance through double quantum dot. <i>European Physical Journal B</i> , 2006, 52, 411-419.	0.6	8
5	Non-classicality of photon added coherent and thermal radiations. <i>European Physical Journal D</i> , 2006, 40, 133-138.	0.6	35
6	Driven harmonic oscillator as a quantum simulator for open systems. <i>Physical Review A</i> , 2006, 74, .	1.0	25
7	Towards experimental entanglement connection with atomic ensembles in the single excitation regime. <i>New Journal of Physics</i> , 2007, 9, 207-207.	1.2	31
8	Optically controlled single-qubit rotations in self-assembled InAs quantum dots. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 056203.	0.7	28
9	Autoresonant control of the many-electron dynamics in nonparabolic quantum wells. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	134
10	Nonlinear optics with two trapped atoms. <i>Physical Review A</i> , 2007, 76, .	1.0	23
11	Keeping a Quantum Bit Alive by Optimized Pulse Sequences. <i>Physical Review Letters</i> , 2007, 98, 100504.	2.9	548
12	Single-Ion Two-Photon Source. <i>Physical Review Letters</i> , 2007, 99, 183001.	2.9	9
13	Optical pumping via incoherent Raman transitions. <i>Physical Review A</i> , 2007, 76, .	1.0	16
14	Separability of a family of one-parameter W and Greenberger-Horne-Zeilinger multiqubit states using the Abe-Rajagopal q -conditional entropy	1.0	6
15	Reversible State Transfer between Light and a Single Trapped Atom. <i>Physical Review Letters</i> , 2007, 98, 193601.	2.9	250
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17	Heralded Entanglement between Atomic Ensembles: Preparation, Decoherence, and Scaling. <i>Physical Review Letters</i> , 2007, 99, 180504.	2.9	317
18	Deterministic Atom-Light Quantum Interface. <i>Advances in Atomic, Molecular and Optical Physics</i> , 2007, 54, 81-130.	2.3	29

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19	Interfacing Collective Atomic Excitations and Single Photons. Physical Review Letters, 2007, 98, 183601.	2.9	133
20	Functional Quantum Nodes for Entanglement Distribution over Scalable Quantum Networks. Science, 2007, 316, 1316-1320.	6.0	293
21	Tools for Multimode Quantum Information: Modulation, Detection, and Spatial Quantum Correlations. Physical Review Letters, 2007, 98, 083602.	2.9	89
22	Constraints on the uncertainties of entangled symmetric qubits. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 203-207.	0.9	22
23	Entanglement of single-atom quantum bits at a distance. Nature, 2007, 449, 68-71.	13.7	635
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25	Computation in finitary stochastic and quantum processes. Physica D: Nonlinear Phenomena, 2008, 237, 1173-1195.	1.3	19
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38	Nondestructive Probing of Rabi Oscillations on the Cesium Clock Transition near the Standard Quantum Limit. <i>Physical Review Letters</i> , 2008, 100, 103601.	2.9	56
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