

# Sideband cooling of micromechanical motion to the quantum ground state

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Citation Report

#	ARTICLE	IF	CITATIONS
5	Polarization of nuclear spins by a cold nanoscale resonator. <i>Physical Review A</i> , 2011, 84, .	1.0	12
6	Dissipative Optomechanics in a Michelson-Sagnac Interferometer. <i>Physical Review Letters</i> , 2011, 107, 213604.	2.9	122
7	The Diamond Superconducting Quantum Interference Device. <i>ACS Nano</i> , 2011, 5, 7144-7148.	7.3	54
8	Storing Optical Information as a Mechanical Excitation in a Silica Optomechanical Resonator. <i>Physical Review Letters</i> , 2011, 107, 133601.	2.9	301
9	Steady-state entanglement and normal-mode splitting in an atom-assisted optomechanical system with intensity-dependent coupling. <i>Physical Review A</i> , 2011, 84, .	1.0	36
10	Single-Photon Optomechanics. <i>Physical Review Letters</i> , 2011, 107, 063602.	2.9	408
11	Wide-band idler generation in a GaAs electromechanical resonator. <i>Physical Review B</i> , 2011, 84, .	1.1	22
12	Microwave amplification with nanomechanical resonators. <i>Nature</i> , 2011, 480, 351-354.	13.7	253
13	Quantum superposition of massive objects and collapse models. <i>Physical Review A</i> , 2011, 84, .	1.0	190
14	The gentle cooling touch of light. <i>Nature</i> , 2011, 478, 47-48.	13.7	4
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22	Optomechanical entanglement in the presence of laser phase noise. <i>Physical Review A</i> , 2011, 84, .	1.0	27

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26	Role of quantum fluctuations in the optomechanical properties of a Bose-Einstein condensate in a ring cavity. <i>Physical Review A</i> , 2011, 84, .	1.0	19
27	High-Q optomechanical GaAs nanomembranes. <i>Applied Physics Letters</i> , 2011, 99, 243102.	1.5	29
28	A micropillar for cavity optomechanics. <i>Applied Physics Letters</i> , 2011, 99, 121103.	1.5	23
29	Nondeterministic ultrafast ground-state cooling of a mechanical resonator. <i>Physical Review B</i> , 2011, 84, .	1.1	55
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