

Nathan Lundblad

List of Publications by Year in descending order

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19
papers

471
citations

840776

11
h-index

940533

16
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19
all docs

19
docs citations

19
times ranked

579
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of ultracold atomic bubbles in orbital microgravity. <i>Nature</i> , 2022, 606, 281-286.	27.8	37
2	The Bose-Einstein Condensate and Cold Atom Laboratory. <i>EPJ Quantum Technology</i> , 2021, 8, .	6.3	85
3	Thermodynamics in expanding shell-shaped Bose-Einstein condensates. <i>Physical Review A</i> , 2021, 104, .	2.5	15
4	Shell potentials for microgravity Bose-Einstein condensates. <i>Npj Microgravity</i> , 2019, 5, 30.	3.7	51
5	Repeated measurements with minimally destructive partial-transfer absorption imaging. <i>Optics Express</i> , 2019, 27, 36611.	3.4	7
6	Synthetic clock transitions via continuous dynamical decoupling. <i>Physical Review A</i> , 2018, 97, 013407.	2.5	26
7	Designer atom arrays for quantum computing. <i>Nature</i> , 2018, 561, 43-44.	27.8	1
8	Observations of $\hat{\nu}$ in a low-loss radio-frequency-dressed optical lattice. <i>Physical Review A</i> , 2014, 90, .	2.5	4
9	Differential Light-Shift Cancellation in a Magnetic-Field-Insensitive Transition of Rb^{87} . <i>Physical Review Letters</i> , 2011, 106, 063002.	7.8	29
10	Publisher's Note: Experimental observation of magic-wavelength behavior of Rb^{87} atoms in an optical lattice [<i>Phys. Rev. A</i> 81, 031611 (2010)]. <i>Physical Review A</i> , 2010, 81, .	2.5	5
11	Experimental observation of magic-wavelength behavior of Rb^{87} atoms in an optical lattice. <i>Physical Review A</i> , 2010, 81, .	2.5	50
12	Field-sensitive addressing and control of field-insensitive neutral-atom qubits. <i>Nature Physics</i> , 2009, 5, 575-580.	16.7	34
13	Quantum Information Processing with Double-Well Optical Lattices. , 2009, , .		0
14	Atoms in a Radio-Frequency-Dressed Optical Lattice. <i>Physical Review Letters</i> , 2008, 100, 150401.	7.8	33
15	Spinor dynamics-driven formation of a dual-beam atom laser. <i>Optics Express</i> , 2006, 14, 10164.	3.4	4
16	Loading, guiding, and manipulating neutral atoms in atom chip magnetic traps. , 2006, , .		0
17	Initial experiments with an all-optical spinor BEC. , 2006, , .		0
18	Two-species cold atomic beam. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2004, 21, 3.	2.1	7

#	ARTICLE	IF	CITATIONS
19	High power single frequency 780nm laser source generated from frequency doubling of a seeded fiber amplifier in a cascade of PPLN crystals. Optics Express, 2003, 11, 1709.	3.4	76