JÃ©rÃ´me EstÃ¨ve

List of Publications by Year
in descending order

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37	3,139	304743	361022
papers	citations	22 h-index	35 g-index

37	37	37	2750
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bulk properties of honeycomb lattices of superconducting microwave resonators. Physical Review Research, 2022, 4, .	3.6	1
2	Observation of topological valley Hall edge states in honeycomb lattices of superconducting microwave resonators. Optical Materials Express, 2021, 11, 1224.	3.0	3
3	Gate-assisted phase fluctuations in all-metallic Josephson junctions. Physical Review Research, 2021, 3, .	3.6	16
4	High kinetic inductance microwave resonators made by He-Beam assisted deposition of tungsten nanowires. Applied Physics Letters, 2019, 114, .	3.3	24
5	Nonadiabatic dynamics in strongly driven diffusive Josephson junctions. Physical Review Research, 2019, 1, .	3.6	8
6	Observation of the Unconventional Photon Blockade in the Microwave Domain. Physical Review Letters, 2018, 121, 043602.	7.8	116
7	Widely Tunable Single-Photon Source from a Carbon Nanotube in the Purcell Regime. Physical Review Letters, 2016, 116, 247402.	7.8	79
8	Limits of atomic entanglement by cavity feedback: From weak to strong coupling. Europhysics Letters, 2016, 113, 34005.	2.0	4
9	Symmetric microwave potentials for interferometry with thermal atoms on a chip. Physical Review A, 2015, 91, .	2.5	15
10	Polariton Boxes in a Tunable Fiber Cavity. Physical Review Applied, 2015, 3, .	3.8	39
11	Deterministic generation of multiparticle entanglement by quantum Zeno dynamics. Science, 2015, 349, 1317-1321.	12.6	93
12	Multimode Storage and Retrieval of Microwave Fields in a Spin Ensemble. Physical Review X, 2014, 4, .	8.9	77
13	Entangled States of More Than 40 Atoms in an Optical Fiber Cavity. Science, 2014, 344, 180-183.	12.6	133
14	Cavity quantum electrodynamics with charge-controlled quantum dots coupled to a fiber Fabryâ€“Perot cavity. New Journal of Physics, 2013, 15, 045002.	2.9	58
15	Splitting of trapped thermal atoms for atom-chip based interferometry. , 2013, , .		0
16	Trapped by nanostructures. Nature Nanotechnology, 2013, 8, 317-318.	31.5	7
17	Measurement of the internal state of a single atom without energy exchange. Nature, 2011, 475, 210-213.	27.8	93
18	Local and spatially extended sub-Poisson atom-number fluctuations in optical lattices. Physical Review A, 2011, 84, .	2.5	17

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19	SQUEEZING AND ENTANGLEMENT IN A BOSE-EINSTEIN CONDENSATE. , 2010, , .		3
20	Two-mode Bose gas: Beyond classical squeezing. Physical Review A, 2010, 81, .	2.5	14
21	Nonlinear atom interferometer surpasses classical precision limit. Nature, 2010, 464, 1165-1169.	27.8	744
22	Cavity-Based Single Atom Preparation and High-Fidelity Hyperfine State Readout. Physical Review Letters, 2010, 104, 203602.	7.8	102
23	Enhanced and Reduced Atom Number Fluctuations in a BEC Splitter. Physical Review Letters, 2010, 105, 080403.	7.8	73
24	Towards a monolithic optical cavity for atom detection and manipulation. European Physical Journal D, 2009, 53, 107-111.	1.3	4
25	Squeezing and entanglement in a Boseâ€“Einstein condensate. Nature, 2008, 455, 1216-1219.	27.8	636
26	Effective parameters for weakly coupled Boseâ€“Einstein condensates. New Journal of Physics, 2008, 10, 045009.	2.9	14
27	Experimental Observation of Oscillating and Interacting Matter Wave Dark Solitons. Physical Review Letters, 2008, 101, 130401.	7.8	252
28	Observations of Density Fluctuations in an Elongated Bose Gas: Ideal Gas and Quasicondensate Regimes. Physical Review Letters, 2006, 96, 130403.	7.8	183
29	Producing and Detecting Correlated Atoms. AIP Conference Proceedings, 2006, , .	0.4	2
30	Experimental Evidence for the Breakdown of a Hartree-Fock Approach in a Weakly Interacting Bose Gas. Physical Review Letters, 2006, 97, 250403.	7.8	34
31	A primary noise thermometer for ultracold Bose gases. New Journal of Physics, 2006, 8, 189-189.	2.9	54
32	Atom chips in the real world: the effects of wire corrugation. European Physical Journal D, 2005, 32, 171-180.	1.3	54
33	Realizing a stable magnetic double-well potential on an atom chip. European Physical Journal D, 2005, 35, 141-146.	1.3	22
34	Trapping Fermionic 40K and Bosonic 87Rb on a Chip. Journal of Low Temperature Physics, 2005, 140, 377-396.	1.4	32
35	Role of wire imperfections in micromagnetic traps for atoms. Physical Review A, 2004, 70, .	2.5	107
36	An atom interferometer for measuring loss of coherence from an atom mirror. European Physical Journal D, 2004, 31, 487-491.	1.3	4

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37	Specular Reflection of Matter Waves from a Rough Mirror. Physical Review Letters, 2002, 88, 250404.	7.8	22