

Jorge Amin Seman Harutinian

List of Publications by Year in descending order

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21
papers

858
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergence of Turbulence in an Oscillating Bose-Einstein Condensate. Physical Review Letters, 2009, 103, 045301.	7.8	254
2	Josephson effect in fermionic superfluids across the BEC-BCS crossover. Science, 2015, 350, 1505-1508.	12.6	125
3	Controlled anisotropic deformation of Ag nanoparticles by Si ion irradiation. Physical Review B, 2006, 74, .	3.2	118
4	Efficient all-optical production of large quantum gases	2.5	77
5	Connecting Dissipation and Phase Slips in a Josephson Junction between Fermionic Superfluids. Physical Review Letters, 2018, 120, 025302.	7.8	67
6	Three-vortex configurations in trapped Bose-Einstein condensates. Physical Review A, 2010, 82, .	2.5	51
7	Observation of vortex formation in an oscillating trapped Bose-Einstein condensate. Physical Review A, 2009, 79, .	2.5	50
8	Generation of nonground-state Bose-Einstein condensates by modulating atomic interactions. Physical Review A, 2008, 78, .	2.5	31
9	Generation of Vortices and Observation of Quantum Turbulence in an Oscillating Bose-Einstein Condensate. Journal of Low Temperature Physics, 2010, 158, 435-442.	1.4	26
10	Bose-Einstein condensation in 87Rb: characterization of the Brazilian experiment. Brazilian Journal of Physics, 2008, 38, 279-286.	1.4	18
11	Finite temperature correction to the Thomas-Fermi approximation for a Bose-Einstein condensate: comparison between theory and experiment. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 145304.	1.5	14
12	Turbulence in a trapped Bose-Einstein condensate. Journal of Physics: Conference Series, 2011, 264, 012004.	0.4	8
13	Equation of state for a trapped quantum gas: remnant of zero-point energy effects. New Journal of Physics, 2016, 18, 023014.	2.9	6
14	Experimental setup for the production of ultracold strongly correlated fermionic superfluids of 6Li. Revista Mexicana De Física, 2020, 66, 388-403.	0.4	4
15	Creation of optical speckle by randomizing a vortex-lattice. Optics Express, 2019, 27, 4105.	3.4	3
16	All-optical production of 6Li quantum gases. Journal of Physics: Conference Series, 2015, 594, 012042.	0.4	2
17	Critical properties of weakly interacting Bose gases as modified by a harmonic confinement. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 073101.	2.3	2
18	Evaporation in atomic traps: A simple approach. American Journal of Physics, 2007, 75, 907-910.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Introduction to the Basic-Concepts of Bose-Einstein Condensation. AIP Conference Proceedings, 2008, , .	0.4	1
20	Experiments with Bose-Einstein Condensation of Na and Rb. AIP Conference Proceedings, 2007, , .	0.4	0
21	Global thermodynamics of confined inhomogeneous dilute gases: A semi-classical approach. AIP Conference Proceedings, 2018, , .	0.4	0